



March 1989
**THE LABOUR FORCE
AUSTRALIA**

Catalogue No. 6203.0

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**THE LABOUR FORCE, AUSTRALIA
MARCH 1989**

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6203.0

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EXPLANATORY NOTES

From February 1989, both current and historical estimates in this publication are compiled using benchmarks based on the 1986 Census of Population and Housing. See paragraphs 39 and 46.

From March 1989, standard errors associated with estimates in this publication have been revised consistent with the new sample introduced in September 1987. See the Technical Note for detailed tables containing new standard errors.

Introduction

1. This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates of the labour force characteristics of family members and of family composition are also included.

2. Estimates of the civilian labour force are available for about fifty regions across Australia and are shown in various publications produced by State offices of the ABS. For details, see the list of related publications provided in paragraph 80.

3. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

4. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

The population survey

5. The population survey is based on a multi-stage area sample of private dwellings (about 31,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about three-fifths of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. To avoid a clash with the Christmas period, the December 1988 survey interviews commenced on Monday 5th December 1988. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

6. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and

estimated populations;

(c) overseas residents in Australia; and

(d) members of non-Australian defence forces (and their dependents) stationed in Australia.

Coverage

7. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 73 for information about the effect of the coverage rules on family statistics.

8. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

Definitions

9. The labour force category to which a person is assigned depends on the *actual activity* undertaken during the reference week (i.e. whether working, looking for work, etc.). The following definitions, which conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians, relate only to those persons within the scope of the survey.

10. *Employed persons* comprise all those aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or

- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

11. *Full-time workers* are those who usually worked 35 hours or more a week (in all jobs) and others who, although usually part-time workers, worked 35 hours or more during the reference week. *Part-time workers* are those who usually worked less than 35 hours a week and who did so during the reference week. When recording hours of work, fractions of an hour are disregarded.

12. *Hours of work.* The estimates of aggregate hours and of average hours refer to actual hours worked during the reference week, not hours paid for. The estimates may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower estimates than would be the case if actual time worked was recorded. Persons stood down for the whole of the reference week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the reference week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are excluded from the calculations.

13. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

14. *Unemployed persons* are those aged 15 and over who were not employed during the reference week, and

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:

(i) were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or

(ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then;

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

15. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service

noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives. The active steps were asked in the order shown in the table in this publication showing unemployed persons classified by active steps taken. Since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

16. *Unemployed persons classified as job losers* are those who have worked full time for two weeks or more in the past two years and *left that job involuntarily*, that is; were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal or temporary and they did not leave that job to return to studies; or their last job was running their own business and the business closed down because of financial difficulties.

17. *Unemployed persons classified as job leavers* are those who have worked full time for two weeks or more in the past two years and *left that job voluntarily*, that is; because of unsatisfactory work arrangements/pay/hours; the job was seasonal, temporary or holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties; or any other reasons.

18. *Unemployed persons classified as former workers* are those who have previously worked full time for two weeks or more but not in the past two years.

19. *Unemployed persons looking for first job* are those who had never worked full time for two weeks or more.

20. *Unemployed persons looking for first full-time job* are those who had never worked full time for two weeks or more and are looking for full-time work.

21. The *labour force* comprises all persons who, during the reference week, were employed or unemployed, as defined above.

22. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force in the same group.

23. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the reference week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average duration* is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is the duration which divides unemployed persons into two equal groups,

one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

24. *Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job. *Unemployment rates* by industry and occupation are only available for February, May, August and November.

25. *Persons not in the labour force* are those who, during the reference week, were not in the categories employed or unemployed, as defined above. They include persons who were keeping house (unpaid), retired; voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation. Specific surveys of persons not in the labour force indicate that a number want to work but are not classified as unemployed because they were not actively looking for work and/or were not available to begin work in the reference week. Included in this group are the discouraged jobseekers and other persons marginally attached to the labour force.

26. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. It is not practicable to collect information about school or tertiary educational institution attendance or birthplace for persons in institutions (who are classified not in the labour force). Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions. Paragraph 27 contains more details about persons classified by school or tertiary educational institution attendance.

27. *Persons attending school or tertiary educational institution.* Persons attending school comprise those aged 15 to 19 who, during the reference week, were enrolled full time at secondary or high schools. Persons attending a tertiary educational institution, comprise those aged 15 to 24 who were enrolled full time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges. Excluded are persons enrolled at coaching and business schools. Persons attending school or a tertiary educational institution are classified as in the labour force if they were employed or unemployed as defined above. In tables classified by attendance at school or a tertiary educational institution, institutionalised persons are included in the category "Not in the labour force, attending neither school nor a tertiary educational institution full time".

28. Persons classified by *labour force status* are classified according to whether or not they are in the labour force. Persons in the labour force classified by *employment status* are classified according to whether they are

employed or unemployed. The February, May, August and November issues of this publication include tables showing estimates of employed persons, obtained from the labour force survey, classified by *status of worker* i.e. whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

29. *Industry* is classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0) and *occupation* according to the *Australian Standard Classification of Occupations (ASCO) 1986* (1222.0).

30. Occupational data classified to ASCO was introduced for the August 1986 survey, replacing the *Classification and Classified List of Occupations (CCLO), Revised November 1980* used in previous surveys. The new classification relies on the level and specialisation of skill required to satisfactorily perform primary tasks as its classificatory variable and is therefore significantly different from the previous classification. The appendix in the August 1986 issue of this publication contains a more detailed explanation of the concepts and structure underlying the classification.

31. A matrix of the two classifications at the broadest classification level (Major Group) was given in Table 41 of the August 1986 issue of this publication. The estimates contained in the matrix were derived from a subsample of respondents in the May 1986 Labour Force Survey. The responses to questions on the occupations of employed persons were coded to both ASCO and CCLO classifications and the matrix was produced by cross-classifying ASCO Major Groups by CCLO Major Groups. A similar matrix, but on the basis of Minor Groups, is available also. More information is available on request from the contact officer whose name appears on the front of this publication.

32. In the labour force survey, persons are classified as *married or not married*. Marital status is determined from information supplied by the respondent about the individual himself or herself and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Therefore, marital status does not necessarily reflect legal status. Persons are classified as married if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. Persons who live in a de facto relationship but do not volunteer this information when asked whether they are married are classified as not married. For details of discontinuities in estimates of marital status, see paragraph 47.

33. The determination of *family relationships* and composition is complex, involving many factors. The following description outlines the major principles used for this survey. A *family* is defined to consist of two or more related persons usually resident in the same household at the time of the survey. A family comprises

a married couple or a family head (as defined in paragraph 35) together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- (c) any children under 15 years of age who do not have a parent present.

34. The following points should be noted in relation to the definition of a family in the previous paragraph:

- (a) the term *relationship* includes relationships by blood, marriage or adoption;
- (b) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife (referred to as *married-couple families*);
- (c) *other families* are families other than married-couple families as defined above. From the definition of married and not married in paragraph 32 it can be seen that the heads of other families must, by definition, be not married. In addition to one-parent families, this category includes families in which there is no parent, for example a family head living with a brother or sister;
- (d) persons are defined as *not a member of a family* if they are not related to any other member of the household in which they are living. A person is considered to be *living alone* if he or she is the sole member of a household. Thus, a person who is the sole occupant of a self-contained flat attached to another dwelling is considered to be living alone;
- (e) the terms *usually reside* and *present* are synonymous, and refer to persons who were identified by the respondent as usual residents of the household at the time of the survey.

35. The *family head* of an *other family* is the parent in the case of a one-parent family or, in the case of other groups of related persons, is generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

36. *Dependents* (previously described as *dependent children*) comprise all family members under 15 years of age; all family members aged 15 to 19 attending school; and all family members aged 15 to 24 who are full-time students at a tertiary or further educational institution.

37. The areas determining the six *State capital cities* are the Statistical Divisions for those capital cities defined in *Australian Standard Geographical Classification (ASGC) Manual, Edition 3* (1216.0). Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban

development of the capital cities (and associated urban centres) for a period of at least 20 years.

Population benchmarks

38. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are derived from incomplete information about population changes.

Revision of series

39. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing, which affected all the monthly estimates from January 1984 to January 1989.

40. Following the change in official population estimates to a place of usual residence basis after the 1981 census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the conceptual basis of population estimates see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). To coordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

41. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

42. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984 and June 1986.

43. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition

aligns the Australian labour force concepts with a set of changed international definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.

44. Previously, such persons who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work. In order to assist users to assess the impact of the change, estimates for March 1986 based on the new definition were shown in footnotes to Tables 1 and 2 of the February, March and April 1987 issues of this publication.

45. A revised procedure for weighting families estimates, as presented in this publication, was also introduced in April 1986. Additional tables were included in the April 1986 issue of this publication to show the impact of this new procedure. Paragraph 75 contains more details.

Comparability of series

46. As noted in paragraphs 39 and 40, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

47. Paragraph 32 outlines the definition of marital status now used in the labour force survey. A revision of estimates to take account of the new definition of marital status was applied back to February 1978. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. First, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Second, from June 1983 onwards, the not-married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey.

48. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

Survey sample redesign

49. The LFS sample has been redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September to December 1987. For details, see *In-*

formation Paper: Labour Force Survey — Sample Design (6269.0).

50. The sampling fraction differs for States and Territories. This enables estimates of reasonable accuracy to be produced for all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria, 1 in 230; Queensland, 1 in 160; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 115; and Tasmania, 1 in 70.

Reliability of the estimates

51. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Note; and
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Differences between population census and population survey estimates

52. The results of the 1986 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

53. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the surveys. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 38), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

54. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the census of

population and housing provides counts for small areas but in less detail than is available from the survey.

55. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

Seasonal adjustment

56. Seasonally adjusted series are published in Tables 2 and 8. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

57. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in February 1989, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment and revised seasonally adjusted and trend estimates for all months since January 1983 for Australia and the States were published in the appendix of the February 1989 issue of this publication.

58. It is possible that the seasonality of employment, unemployment and the labour force participation has been affected by the changed pattern of school holidays in some States.

59. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage.

Trend estimation

60. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Tables 3 and 9 show trend estimates for the past 14 months, while the appendix to the February 1989 issue shows estimates for the six States and Australia back to January 1983. Trend series graphs are shown on pages 9 to 12. Data from February 1978 are available on the ABS on-line data dissemination service, AUSSTATS. The trend series of the participation rate for married females are based on smoothed population estimates.

61. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 57.

62. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0), and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

Month-to-month movements

63. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling variability as explained in paragraph 51. Particular care should be taken in the interpretation of the recent original and seasonally adjusted monthly movements as these may have been affected by the changed pattern of school holidays in some States. Trend estimates are expected to be relatively unaffected by these changes.

Gross flows

64. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after each survey. Adoption of this rotation procedure, whereby about seven-eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

65. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of *flows* between the different categories of the population and labour force.

66. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

67. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

68. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

69. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between

categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

70. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical Note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical Note.

71. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full-time and employed part-time as the estimates for the latter two categories include movements between these two categories.

Labour force status and other characteristics of families

72. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, the labour force status of persons within families, the number of children aged 0-14 present and, from the May 1986 issue onwards, the number of dependents present.

73. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may be enumerated, at the time of the survey, as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information is not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

74. In addition, in those private dwellings where it is not possible to obtain information relating to all the usual residents, no family information is recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information cannot be obtained from each usual resident. Similarly, families in which one or more members are away from the usual residence at the time of the survey are also excluded from family determination. A summary of those persons for whom family

information is obtained as well as those usual residents of private dwellings for whom complete family information cannot be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, family status is determined for more than 90 per cent of all civilians aged 15 and over.

75. Estimates of the number of families in this publication differ from those in publications prior to the April 1986 issue. This is due to the adoption of a new weighting procedure where the weight for a family is determined using an average of the weights for all family members responding to the labour force survey. Previously, the weight used to derive estimates of the number of families was determined by nomination of a proxy 'head of household' as representative of the family.

76. Revised data for March 1986 using the new weighting procedure for families and the revised definition of employed persons were shown in the April 1986 issue of this publication. Revised data for March 1986 using the new weighting procedure for families and the old definition of employed persons as well as data using the old weighting procedure for families and the new definition for employed persons are available on request.

Additional data

77. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following tables are published in issues of this publication for those months:

Employed persons—
 Industry and occupation—
 Full-time and part-time workers
 Status of worker
 Age and birthplace
 Hours worked
 Industry by occupation
 Industry subdivisions
 Major and minor occupation groups.

78. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: floppy disk, microfiche, photocopy, data tape, computer printout, manually-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS office.

Semi-logarithmic graphs

79. Graphs on pages 9 and 10 have been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth for graphs on the same page.

Related publications

80. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

The Labour Force, Australia, Preliminary (6202.0)—issued monthly

The Labour Force, Australia: Historical Summary, 1966 to 1984 (6204.0)

The Labour Force, New South Wales (6201.1)—issued quarterly

The Labour Force, Victoria (6202.2)—issued quarterly

Information Paper, Victorian Labour Force Statistics (6262.2)

The Labour Force, Queensland (6201.3)—issued quarterly

The Labour Force, South Australia (6201.4)—issued quarterly

Labour Force Statistics, Tasmania 1985 (6201.6)

Monthly Summary of Statistics, Tasmania (1303.6)—issued monthly

Labour Statistics, Australia, 1986 (6101.0)—issued annually

A Guide to Labour Statistics (6102.0)

Information Paper: Questionnaires Used in the Labour Force Survey, June 1986 (6232.0)

Employed Wage and Salary Earners, Australia (6248.0)—issued quarterly

Persons Not in the Labour Force, Australia (6220.0)—issued annually

Labour Force Status and Other Characteristics of Families, Australia, June 1988 (6224.0)—issued annually

Social Indicators No. 4, 1984 (4101.0)

Information Paper: Comparison of Employment Estimates From the Labour Force Survey and the Survey of Employment and Earnings (6263.0)

A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0)

Time Series Decomposition — An Overview (1317.0)

Information Paper: Labour Force Survey — Sample Design (6269.0)

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)

81. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

82. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact in the Phone Inquiries box at the front of this publication.

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See paragraph 6 of the Technical Note
- n.a. not available
- .. not applicable
- n.e.c. not elsewhere classified
- r revised

83. Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

Electronic services

VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

Floppy disk service

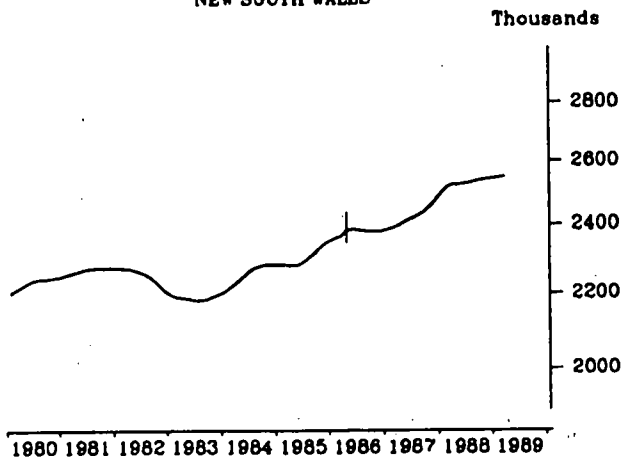
Selected ABS statistics are available on floppy disk. For further information phone (062) 52 6684.

IAN CASTLES
Australian Statistician

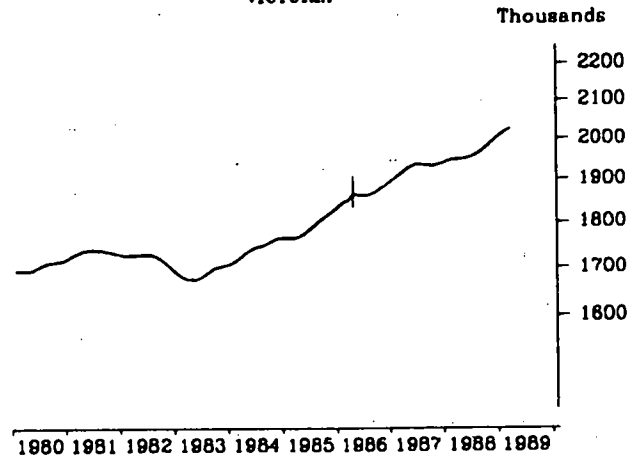
EMPLOYED PERSONS : TREND SERIES

The graphs on this page have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change—See paragraph 79.

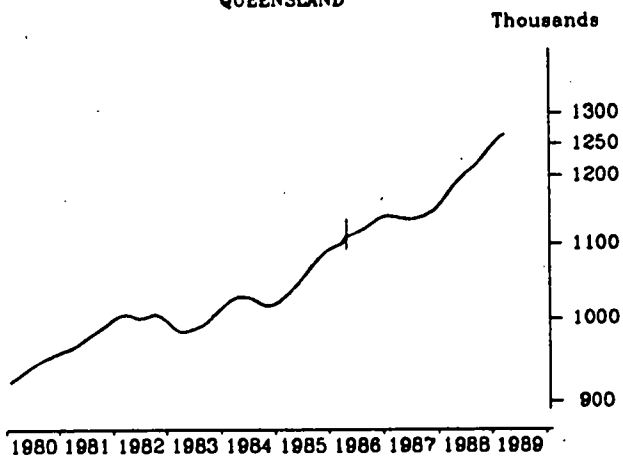
NEW SOUTH WALES



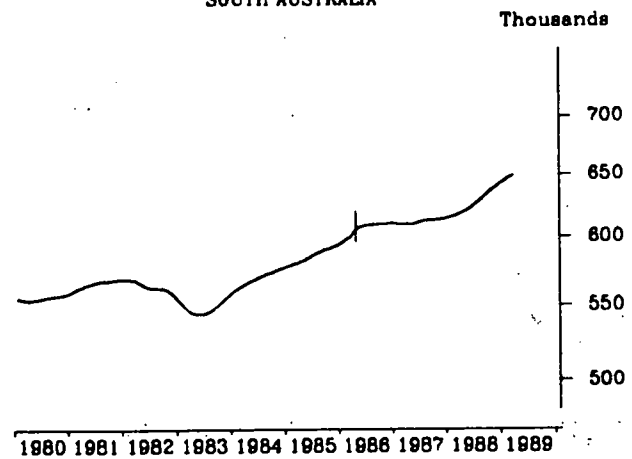
VICTORIA



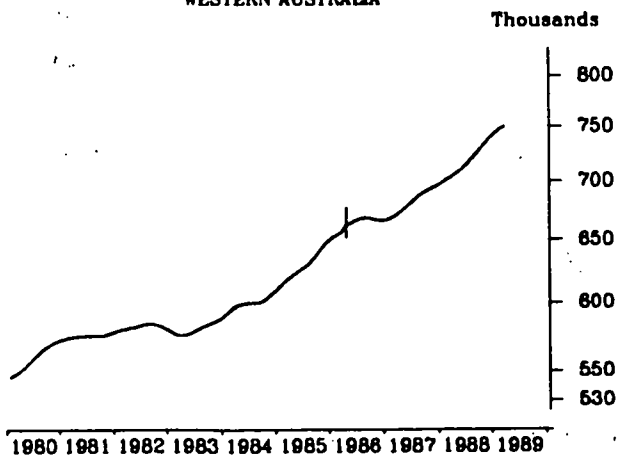
QUEENSLAND



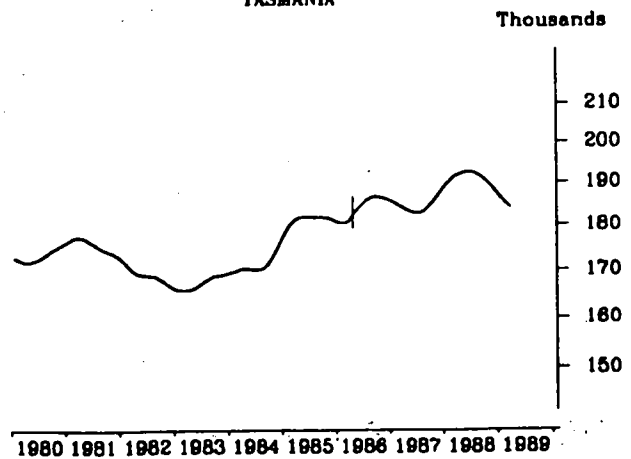
SOUTH AUSTRALIA



WESTERN AUSTRALIA



TASMANIA



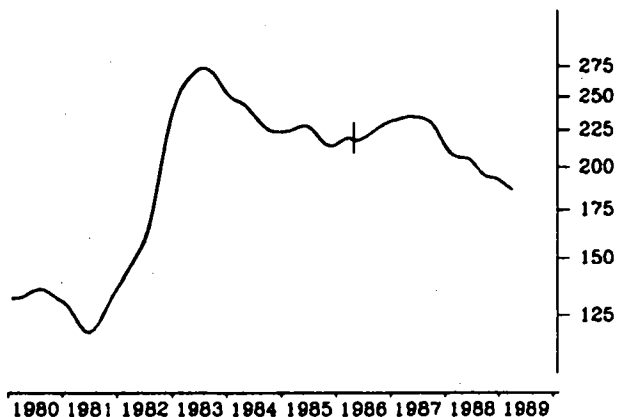
| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 43 and 44 of the Explanatory Notes.

UNEMPLOYED PERSONS: TREND SERIES

The graphs on this page have been drawn to a semi-logarithmic scale to enable comparisons to be made of rates of change—See paragraph 79.

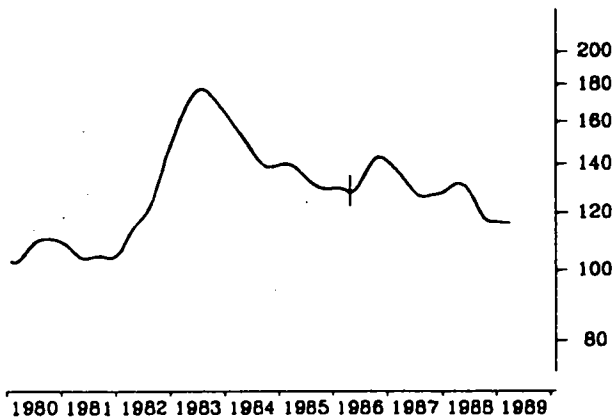
NEW SOUTH WALES

Thousands



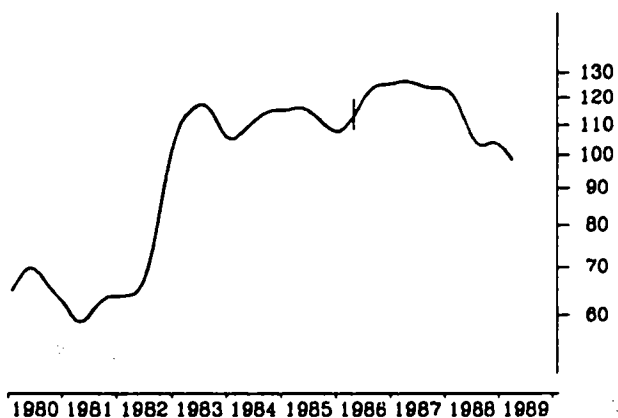
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Thousands



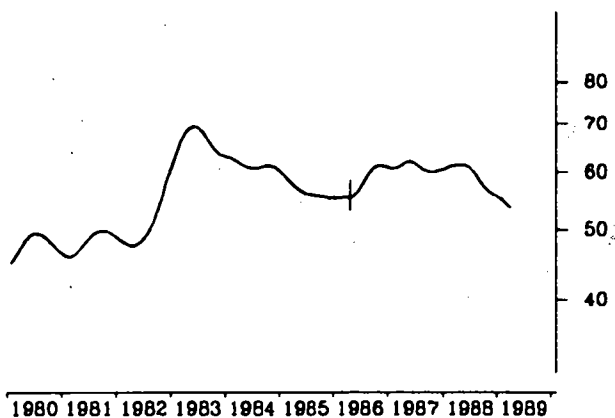
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Thousands



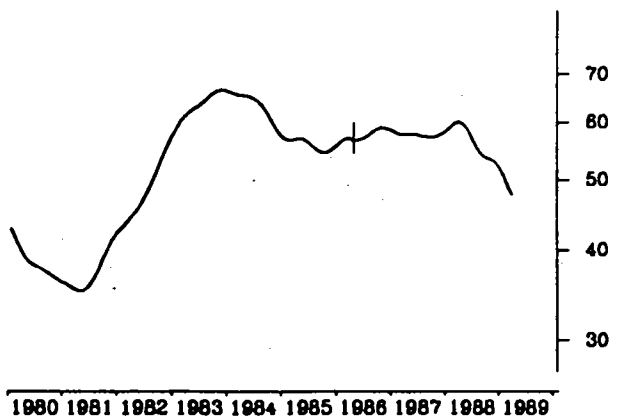
SOUTH AUSTRALIA

Thousands



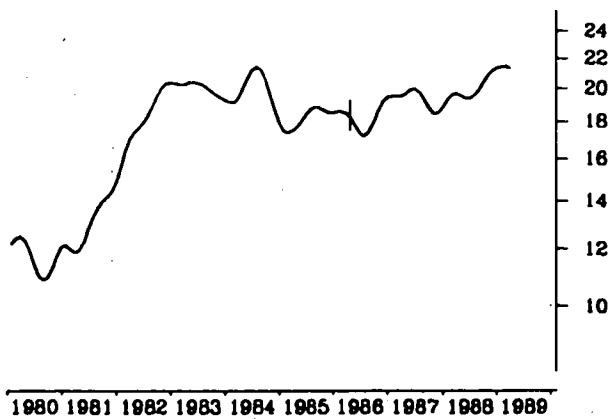
WESTERN AUSTRALIA

Thousands



TASMANIA

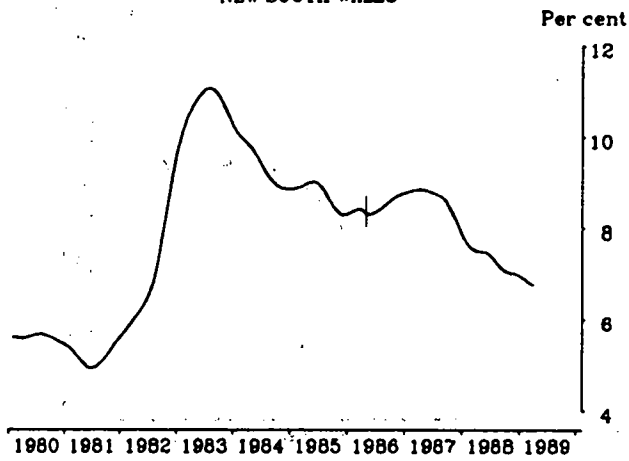
Thousands



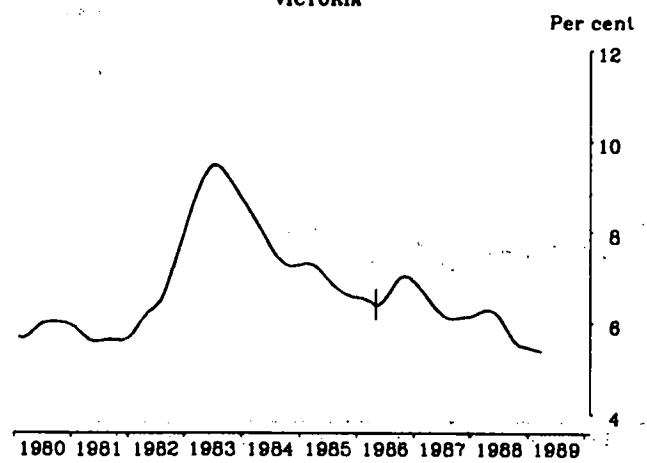
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UNEMPLOYMENT RATE: TREND SERIES

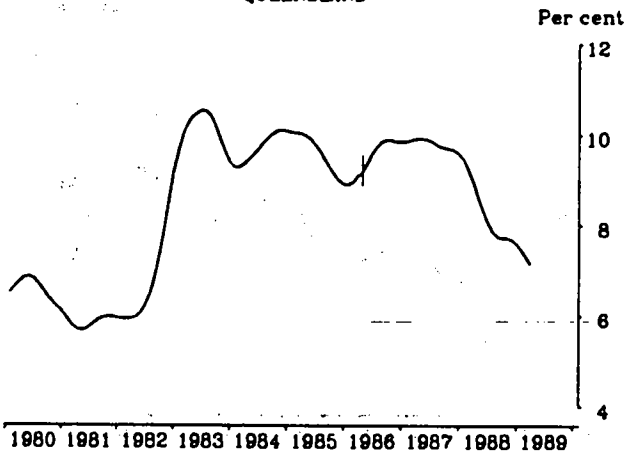
NEW SOUTH WALES



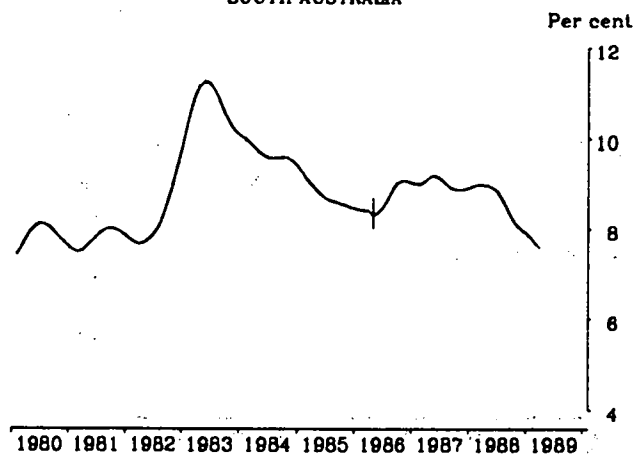
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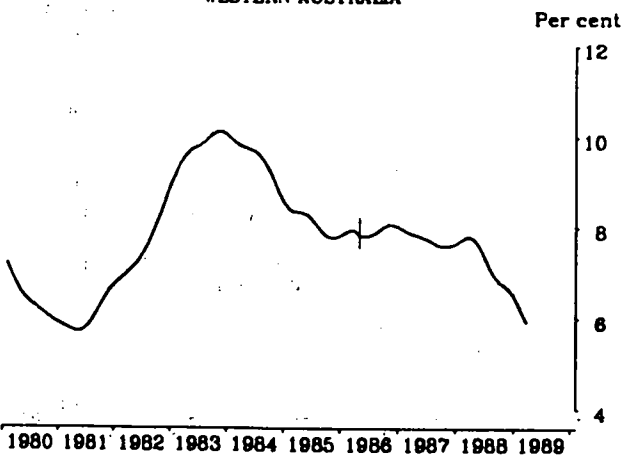
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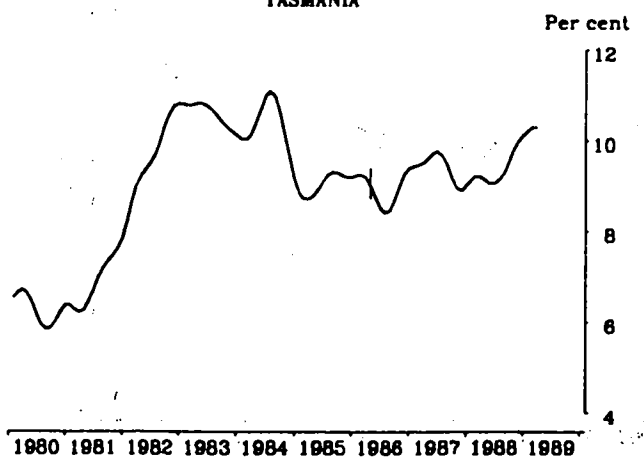
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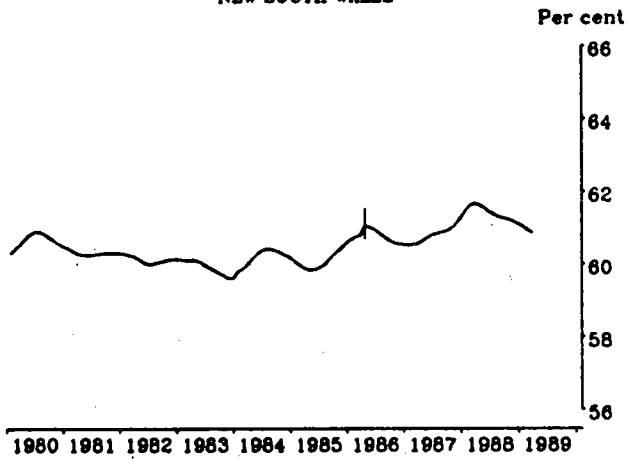
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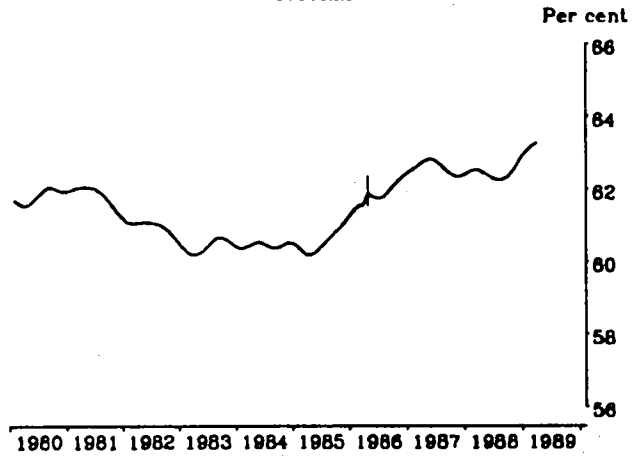
| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 43 and 44 of the Explanatory Notes.

PARTICIPATION RATE: TREND SERIES

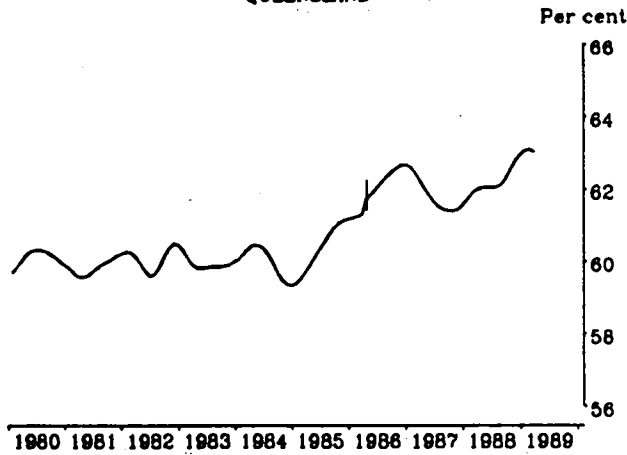
NEW SOUTH WALES



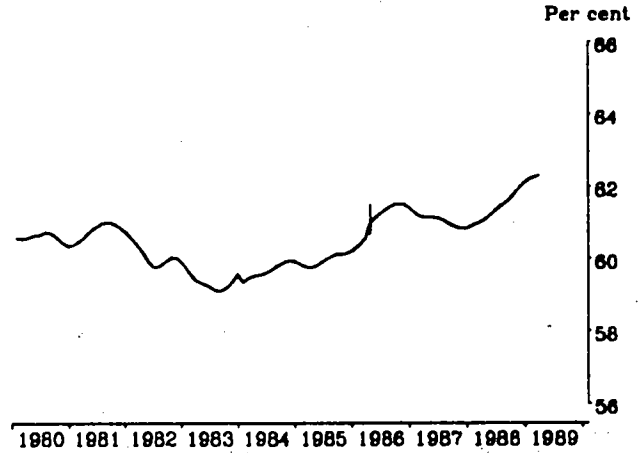
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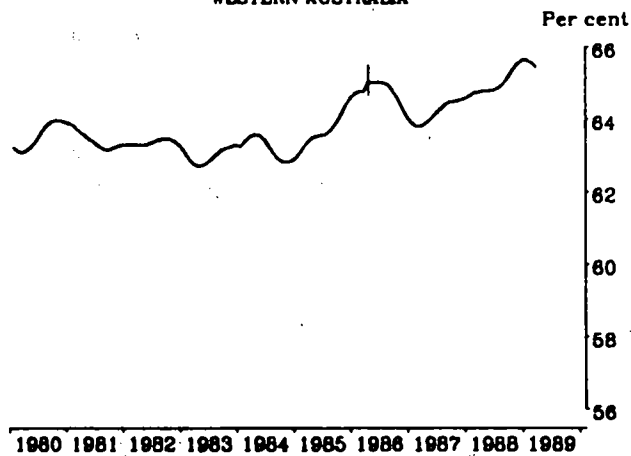
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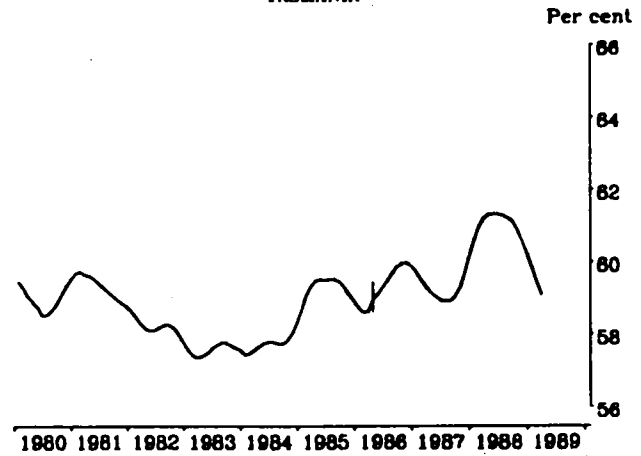
SOUTH AUSTRALIA



WESTERN AUSTRALIA



TASMANIA



| Indicates break in series. Estimates for the period prior to April 1986 are based on the old definition. See paragraphs 43 and 44 of the Explanatory Notes.

TABLES

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER — continued

Month	Employed		Unemployed		Looking for full-time work		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work	Total					
- '000 -											
ALL FEMALES											
1988 -											
February	1,796.2	2,884.7	32.2	200.9	87.9	288.8	3,173.4	3,256.6	6,430.0	9.1	49.4
March	1,817.0	2,977.2	27.2	190.8	108.5	299.3	3,276.5	3,165.4	6,441.9	9.1	50.9
April	1,803.5	2,966.0	22.8	189.1	105.3	294.4	3,260.5	3,191.9	6,452.4	9.0	50.5
May	1,798.5	2,961.1	20.7	175.1	88.8	263.9	3,225.0	3,237.9	6,462.9	8.2	49.9
June	1,784.7	2,959.8	21.4	171.7	81.2	252.9	3,212.7	3,260.7	6,473.4	7.9	49.6
July	1,812.4	2,959.3	16.9	153.2	65.6	218.8	3,178.1	3,305.1	6,483.2	6.9	49.0
August	1,798.1	2,971.3	17.4	165.5	67.4	233.0	3,204.2	3,288.6	6,492.9	7.3	49.4
September	1,847.6	3,045.6	17.3	158.7	86.1	244.7	3,290.4	3,212.2	6,502.6	7.4	50.6
October	1,864.6	3,015.4	15.4	150.1	72.0	222.1	3,237.5	3,276.3	6,513.9	6.9	49.7
November	1,855.6	3,039.0	14.4	147.3	70.3	217.6	3,256.6	3,268.6	6,525.2	6.7	49.9
December	1,896.7	3,090.8	30.4	169.6	82.4	252.0	3,342.9	3,193.7	6,536.5	7.5	51.1
1989 -											
January	1,868.3	2,969.5	33.6	181.1	77.4	258.6	3,228.1	3,320.0	6,548.1	8.0	49.3
February	1,872.4	3,056.4	32.7	184.7	86.9	271.5	3,327.9	3,231.8	6,559.7	8.2	50.7
March	1,885.0	3,107.6	19.8	159.2	93.2	252.4	3,360.0	3,211.3	6,571.3	7.5	51.1
Standard error of -											
March 1989 estimates	14.0	16.7	2.1	5.3	4.2	6.4	17.2	16.9	..	0.2	0.3
Feb 89 to Mar 89 movements	10.5	12.6	2.3	4.4	3.4	5.1	13.0	12.8	..	0.2	0.2
PERSONS											
1988 -											
February	5,868.5	7,247.4	65.4	520.7	124.0	644.8	7,892.1	4,795.9	12,688.0	8.2	62.2
March	5,910.0	7,397.4	52.5	494.8	150.4	645.2	8,042.7	4,669.1	12,711.8	8.0	63.3
April	5,898.8	7,383.4	46.6	492.6	152.2	644.8	8,028.2	4,704.4	12,732.6	8.0	63.1
May	5,877.4	7,354.9	44.8	469.0	124.0	593.0	7,947.9	4,805.5	12,753.4	7.5	62.3
June	5,883.3	7,378.3	40.5	459.6	109.5	569.1	7,947.3	4,827.0	12,774.3	7.2	62.2
July	5,933.6	7,383.1	39.5	431.5	87.3	518.8	7,901.8	4,892.7	12,794.6	6.6	61.8
August	5,874.6	7,353.4	36.3	445.4	93.3	538.7	7,892.1	4,922.5	12,814.5	6.8	61.6
September	5,981.0	7,503.2	40.3	438.7	115.9	554.6	8,057.7	4,776.8	12,834.5	6.9	62.8
October	6,016.3	7,477.3	34.9	406.0	101.9	507.9	7,985.2	4,871.7	12,856.9	6.4	62.1
November	5,992.6	7,508.7	34.3	391.3	97.1	488.4	7,997.1	4,882.2	12,879.3	6.1	62.1
December	6,103.3	7,622.9	65.6	442.4	120.9	563.3	8,186.2	4,715.4	12,901.7	6.9	63.5
1989 -											
January	6,015.3	7,424.9	70.0	477.2	115.2	592.4	8,017.3	4,907.1	12,924.4	7.4	62.0
February	6,076.8	7,569.7	61.2	471.6	126.5	598.1	8,167.8	4,779.3	12,947.1	7.3	63.1
March	6,081.4	7,638.3	34.9	416.6	129.6	546.3	8,184.5	4,785.4	12,969.9	6.7	63.1
Standard error of -											
March 1989 estimates	21.1	22.7	2.7	7.9	4.8	8.7	23.3	19.4	..	0.1	0.2
Feb 89 to Mar 89 movements	16.2	17.7	2.9	6.2	3.8	6.8	18.2	14.9	..	0.1	0.1

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed				Labour force	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work				
			Aged 15-19 looking for first job	Total	Total	Total			
- '000 -									
- per cent -									
MALES									
1988 -									
February	4,059.4	4,372.5	24.9	299.2	36.1	335.3	4,707.8	7.1	75.2
March	4,076.7	4,393.3	25.3	296.5	35.1	331.5	4,724.8	7.0	75.4
April	4,107.0	4,415.5	26.5	307.8	44.2	352.0	4,767.5	7.4	75.9
May	4,086.5	4,396.2	26.7	294.1	35.1	329.2	4,725.4	7.0	75.1
June	4,107.8	4,421.8	25.2	292.3	31.2	323.5	4,745.4	6.8	75.3
July	4,112.6	4,421.3	26.2	282.8	26.4	309.2	4,730.5	6.5	75.0
August	4,115.1	4,424.2	23.7	283.9	27.9	311.9	4,736.1	6.6	74.9
September	4,125.4	4,442.8	26.0	280.7	29.7	310.4	4,753.3	6.5	75.1
October	4,148.4	4,460.8	24.6	272.6	33.1	305.6	4,766.4	6.4	75.1
November	4,147.5	4,469.9	25.4	261.4	31.7	293.1	4,762.9	6.2	75.0
December	4,160.3	4,482.5	23.7	271.8	32.2	304.0	4,786.5	6.4	75.2
1989 -									
January	4,164.4	4,494.2	24.2	272.3	33.3	305.6	4,799.8	6.4	75.3
February	4,190.3	4,523.8	21.4	269.0	39.4	308.4	4,832.3	6.4	75.7
March	4,179.9	4,502.5	15.2	251.0	30.4	281.3	4,783.9	5.9	74.8
MARRIED FEMALES									
1988 -									
February	956.2	1,768.3	n.a.	59.3	39.8	99.1	1,867.4	5.3	49.4
March	963.7	1,779.8	n.a.	59.8	40.4	100.2	1,880.0	5.3	49.8
April	962.7	1,790.7	n.a.	56.7	47.6	104.3	1,894.9	5.5	49.8
May	960.1	1,794.8	n.a.	58.6	43.7	102.4	1,897.2	5.4	49.7
June	971.8	1,807.9	n.a.	59.8	41.0	100.8	1,908.7	5.3	49.8
July	971.1	1,790.1	n.a.	54.9	37.6	92.5	1,882.6	4.9	49.2
August	976.9	1,828.8	n.a.	60.9	33.1	93.9	1,922.7	4.9	49.9
September	984.8	1,845.3	n.a.	56.5	39.6	96.1	1,941.5	5.0	50.4
October	996.8	1,835.9	n.a.	58.9	36.5	95.4	1,931.4	4.9	50.1
November	998.7	1,837.9	n.a.	57.4	38.5	95.9	1,933.8	5.0	50.1
December	1,003.6	1,854.6	n.a.	58.9	40.9	99.8	1,954.4	5.1	50.6
1989 -									
January	984.3	1,859.8	n.a.	62.2	49.9	112.0	1,971.8	5.7	50.8
February	993.1	1,859.5	n.a.	55.6	39.9	95.5	1,955.0	4.9	50.4
March	994.6	1,846.9	n.a.	49.4	36.2	85.6	1,932.5	4.4	49.9
ALL FEMALES									
1988 -									
February	1,792.0	2,919.3	24.4	177.5	80.9	258.3	3,177.7	8.1	49.4
March	1,802.5	2,938.8	25.5	175.6	85.9	261.4	3,200.3	8.2	49.7
April	1,801.4	2,949.7	24.6	181.3	89.5	270.7	3,220.4	8.4	49.9
May	1,806.1	2,951.7	23.1	175.2	86.6	261.9	3,213.6	8.1	49.7
June	1,807.5	2,958.9	24.8	175.0	84.1	259.0	3,218.0	8.0	49.7
July	1,813.5	2,958.2	21.2	163.5	68.3	231.8	3,190.0	7.3	49.2
August	1,830.8	2,998.0	21.2	174.7	76.5	251.2	3,249.2	7.7	50.0
September	1,846.6	3,023.0	21.1	167.9	80.8	248.6	3,271.6	7.6	50.3
October	1,858.0	3,004.3	19.6	166.0	76.8	242.8	3,247.0	7.5	49.8
November	1,856.2	3,013.7	18.9	163.9	80.1	244.0	3,257.7	7.5	49.9
December	1,866.5	3,048.6	21.5	164.6	87.5	252.1	3,300.8	7.6	50.5
1989 -									
January	1,861.1	3,078.8	21.9	165.2	94.8	260.0	3,338.8	7.8	51.0
February	1,867.9	3,094.0	24.9	163.1	79.9	242.9	3,336.9	7.3	50.9
March	1,869.7	3,067.4	18.6	146.5	73.6	220.2	3,287.6	6.7	50.0
PERSONS									
1988 -									
February	5,851.4	7,291.9	49.3	476.6	117.0	593.6	7,885.5	7.5	62.1
March	5,879.2	7,332.1	50.8	472.1	120.9	593.0	7,925.1	7.5	62.3
April	5,908.4	7,365.1	51.1	489.1	133.7	622.7	7,987.8	7.8	62.7
May	5,892.6	7,347.9	49.8	469.3	121.7	591.0	7,938.9	7.4	62.2
June	5,915.4	7,380.8	50.0	467.3	115.3	582.6	7,963.4	7.3	62.3
July	5,926.1	7,379.5	47.4	446.3	94.7	541.0	7,920.5	6.8	61.9
August	5,945.8	7,422.2	44.9	458.6	104.4	563.0	7,985.2	7.1	62.3
September	5,972.0	7,465.8	47.2	448.6	110.5	559.1	8,024.9	7.0	62.5
October	6,006.4	7,465.0	44.2	438.5	109.9	548.4	8,013.4	6.8	62.3
November	6,003.6	7,483.6	44.3	425.3	111.8	537.1	8,020.7	6.7	62.3
December	6,026.8	7,531.2	45.2	436.4	119.7	556.1	8,087.2	6.9	62.7
1989 -									
January	6,025.4	7,573.0	46.1	437.5	128.1	565.6	8,138.6	6.9	63.0
February	6,058.2	7,617.8	46.3	432.1	119.3	551.4	8,169.2	6.7	63.1
March	6,049.6	7,569.9	33.8	397.5	104.0	501.5	8,071.4	6.2	62.2

TABLE 3. CIVILIAN LABOUR FORCE: TREND SERIES

Month	Employed		Unemployed		Looking for part-time work		Labour force	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Aged 15-15 looking for first job	Total	Looking for part-time work	Total			
- '000 -									
- per cent -									
MALES									
1988 -									
February	4,063.3	4,378.0	26.5	304.4	36.4	340.8	4,718.8	7.2	75.4
March	4,079.2	4,393.4	26.1	300.7	36.9	337.6	4,731.0	7.1	75.5
April	4,090.7	4,403.3	25.8	297.7	36.4	334.1	4,737.4	7.1	75.4
May	4,098.6	4,409.6	25.7	295.2	34.8	329.9	4,739.5	7.0	75.3
June	4,105.1	4,415.3	25.7	291.7	32.5	324.2	4,739.4	6.8	75.2
July	4,112.3	4,422.7	25.5	287.0	30.4	317.4	4,740.2	6.7	75.1
August	4,120.2	4,431.7	25.4	281.7	29.2	310.9	4,742.7	6.6	75.0
September r	4,129.2	4,443.0	25.3	277.1	29.3	306.5	4,749.5	6.5	75.0
October r	4,139.7	4,456.7	25.2	273.8	30.6	304.4	4,761.0	6.4	75.1
November r	4,150.3	4,470.8	24.7	271.2	32.2	303.4	4,774.2	6.4	75.1
December r	4,160.4	4,484.2	23.7	268.8	33.3	302.0	4,786.3	6.3	75.2
1989 -									
January r	4,169.7	4,496.2	22.4	266.3	33.9	300.2	4,796.3	6.3	75.2
February r	4,177.8	4,506.1	20.8	263.6	34.3	297.9	4,804.0	6.2	75.2
March	4,183.9	4,513.1	19.2	261.2	34.4	295.6	4,808.7	6.1	75.2
MARRIED FEMALES (a)									
1988 -									
February	954.6	1,766.7	n.a.	60.6	42.3	102.8	1,869.5	5.5	49.5
March	959.9	1,778.7	n.a.	59.8	43.0	102.8	1,881.6	5.5	49.7
April	963.3	1,787.9	n.a.	58.9	42.9	101.9	1,889.7	5.4	49.7
May	965.8	1,795.7	n.a.	58.2	42.1	100.3	1,896.0	5.3	49.7
June	968.6	1,803.4	n.a.	57.9	40.6	98.4	1,901.8	5.2	49.7
July	973.6	1,812.0	n.a.	57.8	38.7	96.5	1,908.5	5.1	49.7
August	980.1	1,821.5	n.a.	58.0	37.2	95.2	1,916.7	5.0	49.8
September r	986.7	1,831.0	n.a.	58.3	37.1	95.4	1,926.5	5.0	50.0
October r	991.8	1,839.7	n.a.	58.7	38.2	96.9	1,936.6	5.0	50.2
November r	994.6	1,846.3	n.a.	58.7	39.9	98.7	1,944.9	5.1	50.3
December r	995.5	1,850.7	n.a.	58.3	41.2	99.5	1,950.2	5.1	50.4
1989 -									
January r	995.3	1,853.7	n.a.	57.4	41.7	99.1	1,952.8	5.1	50.4
February r	994.6	1,855.3	n.a.	56.0	41.7	97.8	1,953.1	5.0	50.4
March	993.5	1,856.1	n.a.	54.8	41.1	95.8	1,951.9	4.9	50.3
ALL FEMALES									
1988 -									
February	1,794.7	2,926.9	25.4	181.9	83.7	265.7	3,192.5	8.3	49.7
March	1,799.5	2,937.0	24.9	179.5	85.1	264.6	3,201.7	8.3	49.7
April	1,802.5	2,945.0	24.4	177.0	85.0	262.0	3,207.1	8.2	49.7
May	1,805.9	2,953.3	23.8	174.9	83.5	258.4	3,211.7	8.0	49.7
June	1,811.5	2,963.2	23.1	172.9	81.0	254.0	3,217.1	7.9	49.7
July	1,820.4	2,974.7	22.2	171.1	78.3	249.4	3,224.1	7.7	49.7
August	1,831.1	2,987.0	21.2	169.3	76.8	246.1	3,233.2	7.6	49.8
September r	1,842.0	3,001.0	20.5	168.0	77.5	245.5	3,246.5	7.6	49.9
October r	1,851.4	3,016.8	20.4	167.0	80.0	247.0	3,263.8	7.6	50.1
November r	1,858.1	3,032.9	20.6	165.8	82.7	248.5	3,281.4	7.6	50.3
December r	1,862.4	3,048.4	21.0	164.0	84.2	248.2	3,296.6	7.5	50.4
1989 -									
January r	1,865.5	3,062.9	21.4	161.5	84.3	245.8	3,308.7	7.4	50.5
February r	1,867.9	3,075.1	21.6	158.6	83.4	242.0	3,317.1	7.3	50.6
March	1,869.2	3,084.4	21.7	156.2	81.9	238.1	3,322.5	7.2	50.6
PERSONS									
1988 -									
February	5,857.9	7,304.9	51.9	486.3	120.1	606.4	7,911.3	7.7	62.4
March	5,878.7	7,330.4	51.0	480.2	122.0	602.3	7,932.7	7.6	62.4
April	5,893.2	7,348.3	50.2	474.8	121.4	596.2	7,944.5	7.5	62.4
May	5,904.5	7,362.9	49.5	470.0	118.3	588.4	7,951.2	7.4	62.3
June	5,916.5	7,378.4	48.8	464.6	113.5	578.1	7,956.6	7.3	62.3
July	5,932.7	7,397.4	47.7	458.1	108.7	566.8	7,964.2	7.1	62.2
August	5,951.2	7,418.8	46.6	451.0	106.0	557.0	7,975.8	7.0	62.2
September r	5,971.2	7,444.0	45.8	445.1	106.9	552.0	7,996.0	6.9	62.3
October r	5,991.1	7,473.4	45.5	440.8	110.6	551.4	8,024.8	6.9	62.4
November r	6,008.4	7,503.7	45.3	437.1	114.8	551.9	8,055.6	6.9	62.5
December r	6,022.8	7,532.7	44.7	432.7	117.5	550.2	8,082.8	6.8	62.6
1989 -									
January r	6,035.2	7,559.0	43.7	427.8	118.2	546.0	8,105.0	6.7	62.7
February r	6,045.7	7,581.2	42.4	422.2	117.7	539.9	8,121.1	6.6	62.7
March	6,053.1	7,597.6	40.8	417.4	116.3	533.7	8,131.3	6.6	62.7

(a) See Explanatory Notes, Paragraph 60

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
MARITAL STATUS, MARCH 1989

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -								- per cent -	
Males	4,196.5	4,530.7	257.4	36.5	293.9	4,824.6	1,574.1	6,398.6	6.1	75.4
Married	2,804.8	2,927.9	116.2	7.1	123.2	3,051.1	874.6	3,925.7	4.0	77.7
Not married	1,391.7	1,602.8	141.3	29.4	170.7	1,773.4	699.5	2,472.9	9.6	71.7
Females	1,885.0	3,107.6	159.2	93.2	252.4	3,360.0	3,211.3	6,571.3	7.5	51.1
Married	1,000.8	1,872.1	56.1	45.3	101.5	1,973.6	1,896.2	3,869.8	5.1	51.0
Not married	884.1	1,235.4	103.1	47.6	150.9	1,386.3	1,315.1	2,701.5	10.9	51.3
Persons	6,081.4	7,638.3	416.6	129.6	546.3	8,184.5	4,785.4	12,969.9	6.7	63.1

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATES AND TERRITORIES, MARCH 1989

State or Territory	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -									
- per cent -										
MALES										
New South Wales	1,407.9	1,518.0	96.3	9.6	105.9	1,623.9	573.1	2,197.0	6.5	73.9
Victoria	1,104.2	1,191.3	49.4	10.0	59.3	1,250.6	400.9	1,651.4	4.7	75.7
Queensland	699.8	754.1	47.3	7.2	54.5	808.7	256.0	1,064.6	6.7	76.0
South Australia	349.3	382.0	27.1	3.2	30.3	412.4	139.3	551.7	7.4	74.7
Western Australia	415.9	447.4	21.2	4.3	25.5	472.9	134.0	606.8	5.4	77.9
Tasmania	105.5	114.6	10.9	* 0.4	11.3	125.9	43.7	169.6	9.0	74.2
Northern Territory	45.8	47.5	2.4	* 0.4	2.9	50.4	7.8	58.2	5.7	86.6
Australian Capital Territory	68.1	75.8	2.8	* 1.3	4.2	80.0	19.3	99.3	5.2	80.6
Australia	4,196.5	4,530.7	257.4	36.5	293.9	4,824.6	1,574.1	6,398.6	6.1	75.4
FEMALES										
New South Wales	662.4	1,036.5	53.9	33.6	87.5	1,124.0	1,145.6	2,269.6	7.8	49.5
Victoria	511.4	834.5	35.4	22.4	57.8	892.3	819.1	1,711.4	6.5	52.1
Queensland	294.3	500.9	29.4	16.1	45.5	546.4	538.3	1,084.6	8.3	50.4
South Australia	149.3	272.8	14.1	6.0	20.2	292.9	275.9	568.8	6.9	51.5
Western Australia	168.4	296.2	14.4	9.6	24.0	320.3	284.4	604.7	7.5	53.0
Tasmania	36.1	69.9	6.9	3.0	9.9	79.8	95.6	175.5	12.4	45.5
Northern Territory	21.2	30.9	3.1	* 0.1	3.2	34.1	18.7	52.8	9.5	64.5
Australian Capital Territory	41.7	65.9	1.9	2.4	4.3	70.2	33.6	103.9	6.1	67.6
Australia	1,885.0	3,107.6	159.2	93.2	252.4	3,360.0	3,211.3	6,571.3	7.5	51.1
PERSONS										
New South Wales	2,070.3	2,554.5	150.2	43.1	193.3	2,747.9	1,718.8	4,466.6	7.0	61.5
Victoria	1,615.6	2,025.7	84.8	32.4	117.1	2,142.8	1,220.0	3,362.8	5.5	63.7
Queensland	994.1	1,255.1	76.7	23.2	100.0	1,355.0	794.2	2,149.3	7.4	63.0
South Australia	498.6	654.8	41.2	9.3	50.5	705.3	415.2	1,120.5	7.2	62.9
Western Australia	584.4	743.6	35.6	14.0	49.5	793.1	418.4	1,211.5	6.2	65.5
Tasmania	141.7	184.5	17.8	3.4	21.2	205.7	139.4	345.1	10.3	59.6
Northern Territory	67.0	78.3	5.5	* 0.6	6.1	84.5	26.5	111.0	7.2	76.1
Australian Capital Territory	109.7	141.7	4.7	3.7	8.5	150.2	52.9	203.1	5.6	74.0
Australia	6,081.4	7,638.3	416.6	129.6	546.3	8,184.5	4,785.4	12,969.9	6.7	63.1

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATE CAPITAL CITIES(a), MARCH 1989

Capital city	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -										- per cent -
MALES										
Sydney	903.2	975.1	50.9	6.2	57.1	1,032.2	359.1	1,391.4	5.5	74.2
Melbourne	791.6	855.5	32.4	6.9	39.3	894.8	279.1	1,174.0	4.4	76.2
Brisbane	321.4	346.7	17.8	3.9	21.7	368.4	111.3	479.6	5.9	76.8
Adelaide	249.7	271.9	18.8	2.5	21.3	293.2	107.4	400.5	7.3	73.2
Perth	288.3	312.8	14.2	4.0	18.3	331.0	103.6	434.6	5.5	76.2
Hobart	40.7	44.2	4.0	* 0.4	4.4	48.6	19.1	67.7	9.0	71.8
Total	2,594.9	2,806.2	138.1	23.9	162.0	2,968.2	979.6	3,947.8	5.5	75.2
FEMALES										
Sydney	469.8	695.1	31.7	19.2	51.0	746.1	705.1	1,451.1	6.8	51.4
Melbourne	391.8	613.2	20.4	16.0	36.4	649.6	575.2	1,224.8	5.6	53.0
Brisbane	148.6	239.7	13.8	9.8	23.6	263.3	245.8	509.1	9.0	51.7
Adelaide	112.8	202.9	10.8	4.7	15.4	218.4	205.8	424.2	7.1	51.5
Perth	128.8	221.8	9.4	8.3	17.7	239.5	213.8	453.3	7.4	52.8
Hobart	16.8	31.3	2.2	* 1.2	3.5	34.8	37.3	72.1	9.9	48.2
Total	1,268.6	2,003.9	88.4	59.3	147.7	2,151.6	1,983.1	4,134.7	6.9	52.0
PERSONS										
Sydney	1,373.1	1,670.2	82.6	25.5	108.1	1,778.3	1,064.2	2,842.5	6.1	62.6
Melbourne	1,183.3	1,468.7	52.9	22.9	75.8	1,544.4	854.3	2,398.8	4.9	64.4
Brisbane	470.0	586.4	31.6	13.7	45.3	631.7	357.1	988.7	7.2	63.9
Adelaide	362.5	474.8	29.5	7.2	36.7	511.5	313.2	824.7	7.2	62.0
Perth	417.2	534.5	23.6	12.4	36.0	570.5	317.4	888.0	6.3	64.3
Hobart	57.5	75.5	6.2	1.6	7.8	83.4	56.5	139.8	9.4	59.6
Total	3,863.5	4,810.1	226.5	83.2	309.7	5,119.8	2,962.7	8,082.5	6.0	63.3

(a) Consists of capital city statistical divisions. See Explanatory Notes.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
AUSTRALIAN CAPITAL TERRITORY, MARCH 1989

	Persons						Total
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over	
		Married	Total				
- '000 -							
Employed	75.8	38.2	65.9	14.1	19.9	107.7	141.7
Full-time workers	68.1	22.6	41.7	6.2	15.6	88.0	109.7
Part-time workers	7.8	15.6	24.3	7.9	4.4	19.7	32.0
Unemployed	4.2	1.6	4.3	2.7	2.0	3.7	8.5
Looking for full-time work	2.8	* 0.9	1.9	* 0.6	* 1.0	3.1	4.7
Looking for part-time work	* 1.3	* 0.8	2.4	2.1	* 1.0	* 0.6	3.7
Labour force	80.0	39.8	70.2	16.9	21.9	111.5	150.2
Not in labour force	19.3	18.7	33.6	8.7	3.9	40.4	52.9
Aged 15-19 attending school(a)	2.8	* 0.1	2.9	5.7	..	..	5.7
Civilian population	99.3	58.6	103.9	25.5	25.8	151.8	203.1
- per cent -							
Unemployment rate	5.2	4.1	6.1	16.2	9.1	3.4	5.6
Looking for full-time work	4.0	* 3.8	4.3	* 8.7	* 6.2	3.4	4.1
Participation rate	80.6	68.1	67.6	66.1	85.0	73.4	74.0
Employment/population ratio	76.4	65.3	63.5	55.4	77.2	70.9	69.8
- number -							
Average weekly hours worked by employed persons	38.5	28.8	29.6	22.4	32.8	36.2	34.3
Average duration of unemployment (weeks)	38.6	* 5.7	11.8	13.0	* 17.5	37.8	25.0

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc. See Explanatory Notes.

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1988 -															
February	1,493.7	109.5	1,603.3	6.8	74.3	1,002.5	82.8	1,085.2	7.6	48.7	2,496.2	192.3	2,688.5	7.2	61.3
March	1,501.1	117.1	1,618.3	7.2	74.8	1,011.7	83.9	1,095.6	7.7	49.0	2,512.8	201.0	2,713.9	7.4	61.7
April	1,499.1	126.5	1,625.6	7.8	75.1	1,016.1	92.2	1,108.3	8.3	49.5	2,515.2	218.7	2,733.9	8.0	62.1
May	1,489.3	116.6	1,606.0	7.3	74.1	1,007.4	87.6	1,095.0	8.0	48.9	2,496.8	204.2	2,701.0	7.6	61.3
June	1,501.3	114.3	1,615.6	7.1	74.4	1,008.2	87.3	1,095.5	8.0	48.8	2,509.5	201.6	2,711.1	7.4	61.4
July	1,499.7	113.2	1,612.9	7.0	74.2	1,010.9	75.3	1,086.3	6.9	48.4	2,510.6	188.6	2,699.2	7.0	61.1
August	1,504.1	114.2	1,618.3	7.1	74.3	1,024.6	82.1	1,106.7	7.4	49.2	2,528.7	196.3	2,725.1	7.2	61.6
September	1,498.5	113.6	1,612.0	7.0	74.0	1,019.7	80.7	1,100.5	7.3	48.9	2,518.2	194.3	2,712.5	7.2	61.2
October	1,510.0	109.7	1,619.7	6.8	74.2	1,023.1	79.1	1,102.3	7.2	48.9	2,533.1	188.9	2,722.0	6.9	61.4
November	1,508.8	103.5	1,612.3	6.4	73.8	1,014.0	81.9	1,095.9	7.5	48.6	2,522.8	185.4	2,708.2	6.0	61.0
December	1,506.4	110.2	1,616.7	6.8	73.9	1,014.6	83.1	1,097.7	7.6	48.6	2,521.1	193.4	2,714.4	7.1	61.0
1989 -															
January	1,505.3	113.0	1,618.3	7.0	73.9	1,026.4	82.1	1,108.6	7.4	49.0	2,531.7	195.1	2,726.8	7.2	61.2
February	1,515.7	106.5	1,622.1	6.6	73.9	1,032.2	74.5	1,106.7	6.7	48.8	2,547.8	181.0	2,728.8	6.6	61.2
March	1,505.6	101.9	1,607.5	6.3	73.2	1,020.9	77.4	1,098.4	7.0	48.4	2,526.6	179.3	2,705.8	6.6	60.6
VICTORIA															
1988 -															
February	1,157.5	66.8	1,224.3	5.5	75.5	775.9	58.6	834.5	7.0	49.6	1,933.4	125.4	2,058.9	6.1	62.3
March	1,158.5	64.5	1,223.1	5.3	75.3	778.2	61.6	839.8	7.3	49.9	1,936.7	126.2	2,062.9	6.1	62.4
April	1,173.8	70.4	1,244.2	5.7	76.5	777.9	65.3	843.2	7.7	50.0	1,951.7	135.7	2,087.4	6.5	63.0
May	1,160.5	67.0	1,227.5	5.5	75.4	775.8	66.2	842.0	7.9	49.9	1,936.3	133.2	2,069.5	6.4	62.4
June	1,163.1	62.9	1,225.9	5.1	75.2	784.0	64.7	848.7	7.6	50.2	1,947.1	127.6	2,074.6	6.1	62.5
July	1,161.4	60.4	1,221.8	4.9	74.8	777.2	54.3	831.5	6.5	49.1	1,938.5	114.7	2,053.3	5.6	61.7
August	1,145.2	59.5	1,204.8	4.9	73.7	794.6	63.4	858.0	7.4	50.6	1,939.8	123.0	2,062.8	6.0	61.9
September	1,161.0	57.6	1,218.5	4.7	74.4	807.3	59.6	866.9	6.9	51.1	1,968.2	117.2	2,085.4	5.6	62.6
October	1,164.8	61.0	1,225.8	5.0	74.8	797.1	55.9	853.0	6.6	50.2	1,961.8	117.0	2,078.8	5.6	62.3
November	1,170.2	55.1	1,225.2	4.5	74.6	815.8	53.6	869.4	6.2	51.1	1,985.9	108.7	2,094.6	5.2	62.6
December	1,171.9	58.6	1,230.4	4.8	74.8	826.5	55.9	882.4	6.3	51.8	1,998.4	114.5	2,112.9	5.4	63.1
1989 -															
January	1,167.6	58.9	1,226.5	4.8	74.5	822.3	57.7	880.0	6.6	51.6	1,989.9	116.5	2,106.4	5.5	62.8
February	1,185.6	63.4	1,249.0	5.1	75.7	833.0	60.1	893.1	6.7	52.3	2,018.7	123.5	2,142.1	5.8	63.8
March	1,183.4	57.4	1,240.8	4.6	75.1	827.0	49.5	876.4	5.6	51.2	2,010.4	106.9	2,117.2	5.0	63.0
QUEENSLAND															
1988 -															
February	704.8	66.5	771.3	8.6	75.1	456.4	48.4	504.8	9.6	48.2	1,161.2	114.9	1,276.1	9.0	61.6
March	715.4	64.5	779.8	8.3	75.8	458.6	51.4	510.0	10.1	48.6	1,174.0	115.8	1,289.9	9.0	62.0
April	721.7	64.7	786.4	8.2	76.2	462.8	51.7	514.4	10.0	48.9	1,184.5	116.3	1,300.8	8.9	62.4
May	726.1	56.9	782.9	7.3	75.7	467.8	48.1	515.9	9.3	48.9	1,193.8	104.9	1,298.8	8.1	62.2
June	724.9	58.6	783.4	7.5	75.5	465.2	47.8	513.0	9.3	48.5	1,190.1	106.3	1,296.4	8.2	61.9
July	730.4	55.5	786.0	7.1	75.6	471.2	40.9	512.1	8.0	48.3	1,201.7	96.4	1,298.1	7.4	61.8
August	730.1	57.1	787.2	7.3	75.5	474.1	43.3	517.4	8.4	48.7	1,204.2	100.4	1,304.6	7.7	61.9
September	737.7	60.8	798.5	7.6	76.3	478.0	47.9	525.8	9.1	49.3	1,215.7	108.7	1,324.4	8.2	62.7
October	744.0	53.6	797.6	6.7	76.0	480.0	46.3	526.3	8.8	49.2	1,224.0	99.9	1,323.9	7.5	62.5
November	747.7	55.0	802.6	6.8	76.3	473.9	45.4	519.3	8.7	48.4	1,221.6	100.3	1,321.9	7.6	62.2
December	750.5	55.8	806.2	6.9	76.4	490.5	46.3	536.7	8.6	49.9	1,240.9	102.0	1,343.0	7.6	63.0
1989 -															
January	754.7	55.8	810.6	6.9	76.6	502.1	49.3	551.4	8.9	51.1	1,256.8	105.1	1,361.9	7.7	63.7
February	756.5	57.2	813.8	7.0	76.7	499.4	44.1	543.5	8.1	50.3	1,256.0	101.3	1,357.3	7.5	63.3
March	752.6	50.7	803.3	6.3	75.5	498.7	39.5	538.3	7.3	49.6	1,251.4	90.3	1,341.6	6.7	62.4

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES — continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
SOUTH AUSTRALIA															
1988 -															
February	358.7	35.6	394.3	9.0	72.6	250.3	26.3	276.6	9.5	49.3	609.0	61.9	670.9	9.2	60.7
March	363.6	33.5	397.0	8.4	73.0	253.7	24.4	278.2	8.8	49.5	617.3	57.9	675.2	8.6	61.1
April	362.2	37.0	399.3	9.3	73.3	253.7	25.0	278.7	9.0	49.6	615.9	62.0	678.0	9.2	61.2
May	362.7	36.4	399.1	9.1	73.2	254.7	23.8	278.6	8.6	49.5	617.4	60.2	677.6	8.9	61.2
June	364.7	36.1	400.9	9.0	73.4	254.7	25.3	280.0	9.0	49.7	619.5	61.4	680.9	9.0	61.4
July	370.3	35.2	405.5	8.7	74.2	253.3	23.5	276.7	8.5	49.1	623.5	58.7	682.2	8.6	61.4
August	370.2	33.1	403.2	8.2	73.7	257.0	25.1	282.0	8.9	50.0	627.1	58.1	685.2	8.5	61.6
September	372.1	32.3	404.3	8.0	73.8	256.8	24.0	280.9	8.6	49.7	628.9	56.3	685.2	8.2	61.6
October	375.3	32.0	407.4	7.9	74.3	258.4	23.2	281.6	8.2	49.8	633.7	55.3	689.0	8.0	61.9
November	380.3	31.0	411.3	7.5	74.9	258.3	22.7	281.0	8.1	49.6	638.5	53.8	692.3	7.8	62.1
December	375.6	32.1	407.7	7.9	74.2	260.1	22.2	282.4	7.9	49.8	635.7	54.3	690.1	7.9	61.8
1989 -															
January	378.1	33.0	411.1	8.0	74.7	263.4	23.8	287.1	8.3	50.6	641.5	56.7	698.3	8.1	62.5
February	378.8	32.4	411.2	7.9	74.6	263.8	24.0	287.8	8.3	50.7	642.5	56.4	698.9	8.1	62.5
March	379.4	30.0	409.4	7.3	74.2	267.8	18.5	286.2	6.4	50.3	647.2	48.5	695.6	7.0	62.1
WESTERN AUSTRALIA															
1988 -															
February	423.1	33.4	456.6	7.3	78.0	274.3	24.2	298.5	8.1	51.2	697.5	57.6	755.1	7.6	64.6
March	424.7	32.7	457.5	7.2	77.9	278.7	24.9	303.6	8.2	51.9	703.4	57.7	761.1	7.6	65.0
April	425.3	34.8	460.1	7.6	78.2	275.1	25.6	300.7	8.5	51.3	700.4	60.4	760.7	7.9	64.8
May	425.8	33.9	459.7	7.4	77.9	277.8	26.3	304.1	8.6	51.7	703.5	60.2	763.8	7.9	64.8
June	428.7	33.3	461.9	7.2	78.1	281.3	24.5	305.8	8.0	51.9	710.0	57.8	767.7	7.5	65.0
July	433.0	27.7	460.7	6.0	77.6	277.5	23.7	301.3	7.9	51.0	710.6	51.4	762.0	6.7	64.3
August	434.2	29.0	463.2	6.3	77.8	284.2	23.7	308.0	7.7	52.0	718.4	52.7	771.1	6.8	64.9
September	437.6	29.6	467.2	6.3	78.3	289.5	22.9	312.4	7.3	52.6	727.1	52.5	779.6	6.7	65.5
October	439.7	29.2	468.9	6.2	78.4	287.1	22.9	310.0	7.4	52.0	726.8	52.1	778.9	6.7	65.2
November	441.1	28.9	470.1	6.2	78.3	288.8	25.7	314.5	8.2	52.6	729.9	54.6	784.5	7.0	65.5
December	444.1	28.4	472.5	6.0	78.5	289.3	24.6	313.9	7.8	52.4	733.4	53.0	786.4	6.7	65.5
1989 -															
January	445.8	27.2	473.0	5.8	78.4	300.1	23.1	323.2	7.2	53.8	745.9	50.4	796.2	6.3	66.1
February	447.9	25.6	473.5	5.4	78.2	301.7	20.7	322.3	6.4	53.5	749.6	46.3	795.8	5.8	65.9
March	446.6	25.0	471.6	5.3	77.7	293.2	20.7	313.9	6.6	51.9	739.8	45.6	785.5	5.8	64.8
TASMANIA															
1988 -															
February	113.9	11.3	125.2	9.0	74.4	74.3	8.5	82.8	10.3	47.5	188.1	19.8	207.9	9.5	60.7
March	115.0	11.4	126.4	9.0	75.0	74.6	8.7	83.3	10.4	47.8	189.6	20.1	209.7	9.6	61.2
April	115.8	11.1	126.9	8.7	75.3	75.5	8.7	84.2	10.4	48.3	191.3	19.8	211.1	9.4	61.6
May	116.7	10.0	126.7	7.9	75.1	75.5	7.6	83.2	9.2	47.7	192.3	17.6	209.9	8.4	61.2
June	116.1	10.9	126.9	8.6	75.3	75.8	7.9	83.7	9.4	48.0	191.9	18.8	210.7	8.9	61.4
July	115.0	11.4	126.5	9.0	74.9	74.9	8.3	83.2	10.0	47.6	189.9	19.7	209.6	9.4	61.1
August	116.3	11.2	127.5	8.8	75.5	74.8	8.2	83.0	9.8	47.5	191.1	19.4	210.5	9.2	61.3
September	116.3	12.0	128.2	9.3	75.9	74.1	8.5	82.6	10.3	47.3	190.4	20.5	210.8	9.7	61.3
October	116.2	11.6	127.8	9.1	75.6	72.5	9.1	81.5	11.1	46.6	188.7	20.7	209.4	9.9	60.9
November	116.2	12.1	128.3	9.4	75.8	71.6	8.5	80.0	10.6	45.7	187.8	20.5	208.3	9.8	60.5
December	115.3	11.7	127.0	9.2	75.0	71.4	8.8	80.3	11.0	45.8	186.7	20.6	207.3	9.9	60.2
1989 -															
January	113.5	10.6	124.1	8.5	73.3	70.0	11.2	81.2	13.8	46.3	183.5	21.8	205.3	10.6	59.6
February	113.3	12.0	125.3	9.6	73.9	70.2	10.2	80.4	12.6	45.8	183.5	22.2	205.7	10.8	59.7
March	114.0	11.1	125.2	8.9	73.8	68.3	8.3	76.7	10.9	43.7	182.3	19.5	201.8	9.7	58.5

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1988 -															
February	1,495.1	117.3	1,612.5	7.3	74.7	1,004.7	87.2	1,092.0	8.0	49.0	2,499.9	204.5	2,704.4	7.6	61.6
March	1,497.8	116.9	1,614.7	7.2	74.7	1,009.5	86.6	1,096.1	7.9	49.1	2,507.3	203.6	2,710.8	7.5	61.7
April	1,498.5	117.2	1,615.7	7.3	74.6	1,011.5	86.2	1,097.7	7.9	49.1	2,510.0	203.4	2,713.4	7.5	61.6
May	1,498.2	117.4	1,615.5	7.3	74.5	1,012.3	85.6	1,097.9	7.8	49.0	2,510.5	203.0	2,713.4	7.5	61.5
June	1,498.4	116.7	1,615.0	7.2	74.4	1,013.3	84.3	1,097.6	7.7	48.9	2,511.6	201.0	2,712.6	7.4	61.4
July	1,499.8	115.0	1,614.7	7.1	74.3	1,015.0	82.6	1,097.6	7.5	48.9	2,514.8	197.5	2,712.3	7.3	61.4
August	1,501.8	112.9	1,614.6	7.0	74.2	1,016.8	81.1	1,097.9	7.4	48.8	2,518.5	194.0	2,712.5	7.2	61.3
September r	1,503.9	111.2	1,615.0	6.9	74.1	1,018.1	80.5	1,098.7	7.3	48.8	2,522.0	191.7	2,713.7	7.1	61.3
October r	1,505.8	110.2	1,616.0	6.8	74.0	1,019.4	80.7	1,100.1	7.3	48.8	2,525.1	190.9	2,716.1	7.0	61.2
November r	1,507.0	109.5	1,616.5	6.8	74.0	1,020.3	81.0	1,101.2	7.4	48.8	2,527.3	190.4	2,717.7	7.0	61.2
December r	1,508.0	108.6	1,616.6	6.7	73.9	1,021.2	80.7	1,101.8	7.3	48.8	2,529.2	189.3	2,718.4	7.0	61.1
1989 -															
January r	1,508.8	107.7	1,616.4	6.7	73.8	1,022.5	79.9	1,102.4	7.2	48.7	2,531.3	187.5	2,718.8	6.9	61.0
February r	1,509.2	106.6	1,615.9	6.6	73.6	1,023.9	78.8	1,102.6	7.1	48.7	2,533.1	185.4	2,718.5	6.8	60.9
March	1,509.6	105.7	1,615.3	6.5	73.5	1,025.4	77.9	1,103.3	7.1	48.6	2,535.0	183.6	2,718.6	6.8	60.9
VICTORIA															
1988 -															
February	1,158.8	67.5	1,226.3	5.5	75.6	777.6	61.2	838.8	7.3	49.9	1,936.4	128.7	2,065.1	6.2	62.5
March	1,160.9	67.2	1,228.1	5.5	75.6	776.9	62.5	839.5	7.4	49.9	1,937.9	129.7	2,067.6	6.3	62.5
April	1,161.4	66.4	1,227.9	5.4	75.5	776.9	63.3	840.2	7.5	49.8	1,938.4	129.7	2,068.1	6.3	62.4
May	1,161.3	65.3	1,226.6	5.3	75.3	778.3	63.5	841.8	7.5	49.9	1,939.6	128.8	2,068.4	6.2	62.4
June	1,161.0	63.7	1,224.7	5.2	75.1	781.1	62.9	844.0	7.5	49.9	1,942.1	126.6	2,068.7	6.1	62.3
July	1,161.3	61.8	1,223.0	5.1	74.9	785.7	61.5	847.2	7.3	50.1	1,946.9	123.3	2,070.2	6.0	62.3
August	1,161.8	59.9	1,221.7	4.9	74.7	791.8	59.7	851.5	7.0	50.2	1,953.6	119.5	2,073.2	5.8	62.3
September r	1,162.8	58.5	1,221.3	4.8	74.6	799.2	58.1	857.3	6.8	50.5	1,962.0	116.6	2,078.6	5.6	62.3
October r	1,164.8	58.1	1,222.9	4.8	74.6	806.9	57.1	864.0	6.6	50.8	1,971.7	115.2	2,086.9	5.5	62.5
November r	1,167.8	58.3	1,226.2	4.8	74.7	814.0	56.7	870.7	6.5	51.2	1,981.8	115.0	2,096.8	5.5	62.7
December r	1,171.5	58.7	1,230.2	4.8	74.8	820.0	56.3	876.3	6.4	51.4	1,991.4	115.0	2,106.4	5.5	62.9
1989 -															
January r	1,175.2	59.1	1,234.3	4.8	75.0	824.9	55.8	880.7	6.3	51.6	2,000.1	114.9	2,115.0	5.4	63.1
February r	1,178.8	59.4	1,238.2	4.8	75.1	828.7	55.1	883.8	6.2	51.7	2,007.5	114.6	2,122.0	5.4	63.2
March	1,181.9	59.7	1,241.7	4.8	75.2	831.3	54.7	886.1	6.2	51.8	2,013.3	114.5	2,127.8	5.4	63.3
QUEENSLAND															
1988 -															
February	708.0	66.8	774.7	8.6	75.5	456.1	51.9	508.1	10.2	48.6	1,164.1	118.7	1,282.8	9.3	61.9
March	713.9	64.4	778.2	8.3	75.6	459.3	51.2	510.5	10.0	48.6	1,173.2	115.6	1,288.8	9.0	62.0
April	719.0	62.0	781.0	7.9	75.7	462.3	49.8	512.1	9.7	48.7	1,181.4	111.7	1,293.1	8.6	62.0
May	723.3	60.0	783.3	7.7	75.7	465.5	47.9	513.4	9.3	48.7	1,188.8	107.9	1,296.7	8.3	62.1
June	726.9	58.4	785.3	7.4	75.7	468.3	46.3	514.6	9.0	48.7	1,195.2	104.7	1,299.9	8.1	62.1
July	730.2	57.4	787.6	7.3	75.7	470.7	45.2	515.9	8.8	48.7	1,200.9	102.6	1,303.4	7.9	62.1
August	733.7	56.8	790.4	7.2	75.8	473.0	44.8	517.8	8.7	48.7	1,206.6	101.6	1,308.2	7.8	62.1
September r	737.9	56.5	794.3	7.1	75.9	475.8	45.1	520.9	8.7	48.9	1,213.6	101.6	1,315.3	7.7	62.3
October r	742.5	56.3	798.9	7.1	76.1	479.5	45.9	525.5	8.7	49.2	1,222.0	102.3	1,324.3	7.7	62.5
November r	746.9	56.0	802.9	7.0	76.3	484.1	46.4	530.6	8.8	49.5	1,231.0	102.5	1,333.5	7.7	62.8
December r	750.4	55.6	806.0	6.9	76.4	489.1	46.3	535.4	8.6	49.8	1,239.5	101.9	1,341.3	7.6	63.0
1989 -															
January r	753.1	55.1	808.1	6.8	76.3	493.9	45.6	539.5	8.4	50.0	1,247.0	100.6	1,347.6	7.5	63.1
February r	755.1	54.5	809.5	6.7	76.3	498.2	44.5	542.7	8.2	50.2	1,253.2	99.0	1,352.2	7.3	63.1
March	756.1	53.8	809.9	6.6	76.1	501.5	43.2	544.7	7.9	50.2	1,257.6	97.1	1,354.6	7.2	63.0

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES — continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
SOUTH AUSTRALIA															
1988 -															
February	361.5	35.5	397.0	8.9	73.1	251.5	24.9	276.5	9.0	49.3	613.0	60.4	673.4	9.0	61.0
March	361.6	35.7	397.3	9.0	73.0	252.8	24.9	277.7	9.0	49.4	614.4	60.6	675.0	9.0	61.0
April	362.4	35.8	398.2	9.0	73.1	253.7	24.8	278.4	8.9	49.5	616.1	60.6	676.6	9.0	61.1
May	363.8	35.9	399.6	9.0	73.3	254.2	24.7	278.9	8.8	49.5	618.0	60.5	678.5	8.9	61.2
June	365.7	35.5	401.3	8.9	73.5	254.7	24.5	279.2	8.8	49.6	620.4	60.1	680.5	8.8	61.3
July	368.2	34.7	402.9	8.6	73.7	255.2	24.4	279.6	8.7	49.6	623.4	59.1	682.5	8.7	61.5
August	370.7	33.7	404.5	8.3	73.9	255.9	24.1	280.0	8.6	49.6	626.6	57.8	684.4	8.4	61.6
September r	373.2	32.8	405.9	8.1	74.1	256.7	23.8	280.5	8.5	49.7	629.9	56.6	686.5	8.2	61.7
October r	375.2	32.2	407.3	7.9	74.3	257.9	23.6	281.4	8.4	49.8	633.0	55.8	688.8	8.1	61.8
November r	376.6	32.0	408.5	7.8	74.4	259.3	23.3	282.6	8.2	49.9	635.9	55.3	691.1	8.0	62.0
December r	377.6	31.9	409.5	7.8	74.5	260.9	22.9	283.8	8.1	50.1	638.5	54.8	693.3	7.9	62.1
1989 -															
January r	378.3	31.8	410.2	7.8	74.6	262.6	22.5	285.1	7.9	50.2	641.0	54.3	695.3	7.8	62.2
February r	379.0	31.7	410.6	7.7	74.5	264.3	21.9	286.2	7.7	50.4	643.2	53.6	696.9	7.7	62.3
March	379.3	31.5	410.8	7.7	74.5	265.8	21.4	287.2	7.5	50.5	645.1	52.9	698.1	7.6	62.3
WESTERN AUSTRALIA															
1988 -															
February	421.6	33.4	455.0	7.3	77.8	275.6	25.5	301.1	8.5	51.7	697.2	58.9	756.1	7.8	64.7
March	423.3	33.7	456.9	7.4	77.8	276.3	25.6	301.9	8.5	51.6	699.6	59.2	758.8	7.8	64.8
April	425.2	33.5	458.7	7.3	77.9	277.0	25.4	302.5	8.4	51.6	702.2	58.9	761.2	7.7	64.8
May	427.3	32.8	460.1	7.1	78.0	278.0	25.1	303.1	8.3	51.6	705.3	57.9	763.2	7.6	64.8
June	429.5	31.8	461.3	6.9	78.0	279.6	24.6	304.1	8.1	51.6	709.0	56.3	765.4	7.4	64.8
July	431.9	30.7	462.5	6.6	78.0	281.4	24.1	305.5	7.9	51.7	713.3	54.8	768.0	7.1	64.9
August	434.5	29.8	464.2	6.4	78.0	283.4	23.9	307.2	7.8	51.8	717.8	53.6	771.4	7.0	65.0
September r	437.1	29.2	466.3	6.3	78.2	285.6	23.8	309.4	7.7	52.1	722.8	53.0	775.7	6.8	65.1
October r	439.6	28.8	468.4	6.2	78.3	288.2	23.9	312.0	7.6	52.4	727.8	52.7	780.5	6.8	65.4
November r	441.7	28.5	470.3	6.1	78.4	290.7	23.8	314.5	7.6	52.6	732.5	52.3	784.8	6.7	65.5
December r	443.7	27.9	471.6	5.9	78.4	293.1	23.5	316.6	7.4	52.8	736.8	51.4	788.2	6.5	65.6
1989 -															
January r	445.4	27.1	472.5	5.7	78.3	295.2	22.9	318.1	7.2	52.9	740.6	50.0	790.6	6.3	65.6
February r	446.8	26.3	473.1	5.6	78.2	296.9	22.2	319.1	6.9	52.9	743.7	48.5	792.1	6.1	65.6
March	447.7	25.5	473.3	5.4	78.0	298.0	21.5	319.5	6.7	52.8	745.8	47.0	792.8	5.9	65.4
TASMANIA															
1988 -															
February	114.8	11.1	125.9	8.8	74.8	74.8	8.2	83.0	9.8	47.7	189.7	19.3	209.0	9.2	61.0
March	115.3	11.0	126.3	8.7	75.0	75.2	8.3	83.5	10.0	47.9	190.5	19.4	209.8	9.2	61.2
April	115.6	10.9	126.6	8.6	75.1	75.4	8.3	83.7	10.0	48.0	191.0	19.2	210.2	9.2	61.3
May	115.9	10.9	126.7	8.6	75.2	75.5	8.2	83.7	9.8	48.0	191.3	19.1	210.4	9.1	61.3
June	116.0	10.9	126.9	8.6	75.2	75.4	8.2	83.6	9.8	47.9	191.4	19.1	210.5	9.1	61.3
July	116.1	11.1	127.2	8.7	75.4	75.1	8.1	83.3	9.8	47.7	191.2	19.3	210.5	9.1	61.3
August	116.2	11.4	127.6	8.9	75.6	74.6	8.2	82.8	9.9	47.4	190.7	19.6	210.3	9.3	61.2
September r	116.2	11.6	127.8	9.1	75.6	73.8	8.5	82.2	10.3	47.0	189.9	20.1	210.0	9.6	61.1
October r	116.1	11.7	127.8	9.2	75.6	72.9	8.8	81.7	10.8	46.7	188.9	20.5	209.4	9.8	60.9
November r	115.8	11.7	127.5	9.2	75.4	72.0	9.1	81.1	11.3	46.3	187.8	20.8	208.6	10.0	60.6
December r	115.4	11.6	127.0	9.1	75.0	71.1	9.4	80.5	11.7	46.0	186.5	21.0	207.5	10.1	60.2
1989 -															
January r	114.9	11.5	126.4	9.1	74.6	70.3	9.6	79.9	12.0	45.6	185.2	21.1	206.3	10.2	59.9
February r	114.4	11.4	125.8	9.1	74.2	69.6	9.7	79.3	12.2	45.2	184.0	21.1	205.1	10.3	59.5
March	113.9	11.3	125.2	9.0	73.8	69.1	9.7	78.7	12.3	44.9	183.0	21.0	204.0	10.3	59.1

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, MARCH 1989

Age group	Number ('000)					Participation rate (per cent)				
	Males					Females				
		Married	Not married	Total	Persons		Married	Not married	Total	Persons
15-64	4,756.1	1,961.0	1,376.1	3,337.1	8,093.2	84.7	57.0	66.5	60.5	72.7
15-19	442.1	14.4	395.7	410.1	852.2	61.8	61.3	59.4	59.5	60.6
20-24	600.6	137.2	375.8	513.0	1,113.6	90.4	64.8	85.2	78.6	84.6
25-34	1,290.7	597.0	283.0	879.9	2,170.7	94.1	59.7	76.2	64.2	79.2
35-44	1,176.6	698.7	161.6	860.3	2,036.9	94.0	69.3	72.2	69.8	82.0
45-54	784.7	387.7	107.5	495.3	1,280.0	89.2	57.6	65.3	59.1	74.5
55-59	280.8	88.1	31.9	120.0	400.8	75.5	32.5	35.5	33.2	54.7
60-64	180.5	37.9	20.6	58.5	239.0	49.9	14.9	18.0	15.9	32.7
65 and over	68.5	12.6	10.2	22.9	91.4	8.8	3.0	1.6	2.2	5.0
Total	4,824.6	1,973.6	1,386.3	3,360.0	8,184.5	75.4	51.0	51.3	51.1	63.1

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, MARCH 1989

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15-19	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
- '000 -										
- per cent -										
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL TIME (a)										
Males	265.0	288.0	36.2	* 0.7	36.9	324.8	14.1	338.9	11.3	95.8
Females	181.9	217.9	38.7	* 2.5	41.2	259.1	31.5	290.6	15.9	89.1
Persons	446.8	505.8	74.9	* 3.1	78.0	583.9	45.6	629.5	13.4	92.8
Left school -										
Before 1987	193.7	212.4	30.7	* 2.1	32.8	245.2	20.0	265.2	13.4	92.5
1987	130.9	145.5	19.7	* 0.1	19.8	165.3	9.7	175.0	12.0	94.4
1988 to survey date	122.3	147.9	24.5	* 1.0	25.5	173.4	11.4	184.8	14.7	93.8
Age -										
15	10.6	12.6	3.7	* 0.0	3.7	16.3	* 3.0	19.4	22.8	84.3
16	46.2	53.6	11.2	* 0.2	11.5	65.1	5.5	70.5	17.6	92.2
17	101.0	117.2	15.9	* 0.6	16.5	133.7	8.8	142.5	12.4	93.9
18	140.8	158.6	24.6	* 1.3	25.9	184.5	13.3	197.8	14.0	93.3
19	148.2	163.9	19.4	* 1.0	20.4	184.3	15.1	199.4	11.1	92.4
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	7.1	31.6	* 1.2	5.1	6.3	37.9	51.8	89.7	16.6	42.2
Females	* 2.0	42.8	* 1.1	9.1	10.1	52.9	54.0	107.0	19.1	49.5
Persons	9.1	74.4	* 2.2	14.2	16.4	90.8	105.8	196.6	18.1	46.2
Left school -										
Before 1987	* 2.9	13.7	* 0.1	* 1.6	* 1.7	15.4	15.5	30.9	* 11.1	49.8
1987	4.0	28.6	* 0.4	4.6	4.9	33.5	34.7	68.2	14.8	49.1
1988 to survey date	* 2.3	32.1	* 1.7	8.0	9.8	41.9	55.6	97.5	23.3	43.0
Age -										
15 and 16	* 0.6	* 2.7	* 0.8	* 1.1	* 1.9	4.6	9.0	13.5	* 41.1	33.8
17	* 3.0	15.7	* 0.5	* 3.3	3.9	19.5	21.1	40.6	19.7	48.1
18	* 2.2	27.7	* 0.8	6.1	6.9	34.6	38.4	73.0	19.9	47.3
19	* 3.3	28.3	* 0.1	3.7	3.8	32.1	37.3	69.4	11.8	46.3
ATTENDING SCHOOL										
Males	* 0.2	62.9	* 2.2	14.3	16.5	79.4	207.8	287.1	20.7	27.6
Females	* 0.7	78.4	* 1.0	18.7	19.7	98.1	193.8	291.9	20.1	33.6
Persons	* 1.0	141.3	* 3.2	32.9	36.2	177.5	401.5	579.0	20.4	30.7
Age -										
15	* 0.0	49.4	* 0.8	17.1	17.8	67.3	179.1	246.4	26.5	27.3
16	* 0.7	57.2	* 1.7	9.9	11.6	68.9	130.9	199.8	16.9	34.5
17	* 0.0	29.4	* 0.7	4.2	4.9	34.3	74.5	108.8	14.2	31.5
18 and 19	* 0.2	5.2	* 0.1	* 1.7	* 1.8	7.0	17.0	24.0	* 25.9	29.1
TOTAL										
Males	272.3	382.4	39.5	20.1	59.6	442.1	273.7	715.7	13.5	61.8
Females	184.6	339.1	40.8	30.2	71.0	410.1	279.3	689.4	17.3	59.5
Persons	456.9	721.5	80.4	50.3	130.6	852.2	553.0	1,405.1	15.3	60.6
Age -										
15	10.9	62.6	4.5	17.4	21.9	84.5	184.1	268.6	25.9	31.5
16	47.2	113.0	13.7	11.0	24.7	137.6	143.4	281.1	17.9	49.0
17	104.0	162.3	17.2	8.1	25.3	187.5	104.3	291.9	13.5	64.3
18	143.3	191.1	25.5	8.9	34.4	225.5	64.0	289.4	15.3	77.9
19	151.5	192.6	19.5	4.9	24.4	217.0	57.2	274.2	11.3	79.2

(a) The components of the "Left school" category in the "Not in labour force" column do not add to the total because institutionalised persons are not asked the "school attendance" question.

TABLE 12. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20-24: FULL-TIME ATTENDANCE AT A TERTIARY EDUCATIONAL INSTITUTION, MARCH 1989

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 20-24	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
- '000 -										
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	486.9	515.8	50.3	* 1.4	51.7	567.5	22.7	590.2	9.1	96.2
Females	375.9	438.6	34.0	4.5	38.5	477.0	105.1	582.1	8.1	81.9
Persons	862.8	954.3	84.3	5.9	90.2	1,044.5	127.8	1,172.4	8.6	89.1
Age -										
20	158.5	178.2	18.4	* 1.5	19.9	198.1	16.7	214.8	10.0	92.2
21	168.8	187.2	17.6	* 1.5	19.1	206.3	19.3	225.5	9.3	91.5
22	173.3	191.6	18.6	* 0.9	19.5	211.1	24.8	235.9	9.3	89.5
23	178.9	196.9	14.8	* 1.1	15.9	212.8	30.5	243.3	7.5	87.5
24	183.4	200.5	14.9	* 0.9	15.8	216.3	36.5	252.8	7.3	85.6
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	5.2	25.9	* 1.5	5.7	7.2	33.1	40.8	73.9	21.8	44.8
Females	* 3.4	29.0	* 1.4	5.6	7.0	36.0	34.6	70.6	19.4	51.0
Persons	8.6	54.9	* 2.9	11.3	14.2	69.1	75.4	144.5	20.6	47.8
Age -										
20	* 2.4	23.2	* 0.4	4.5	5.0	28.2	27.2	55.4	17.6	50.8
21	* 1.8	13.7	* 0.4	* 3.3	3.7	17.4	18.9	36.3	21.4	48.0
22	* 1.5	8.5	* 0.6	* 1.3	* 1.9	10.4	12.6	22.9	* 18.1	45.2
23	* 0.8	4.8	* 0.6	* 1.3	* 1.9	6.6	10.3	16.9	* 28.2	39.1
24	* 2.1	4.8	* 0.9	* 0.9	* 1.8	6.5	6.4	12.9	* 27.1	50.5
TOTAL										
Males	492.2	541.7	51.8	7.2	58.9	600.6	63.5	664.1	9.8	90.4
Females	379.3	467.5	35.4	10.1	45.5	513.0	139.7	652.7	8.9	78.6
Persons	871.5	1,009.2	87.2	17.2	104.4	1,113.6	203.2	1,316.8	9.4	84.6
Age -										
20	160.9	201.4	18.8	6.0	24.8	226.3	44.0	270.2	11.0	83.7
21	170.6	200.9	18.0	4.8	22.8	223.7	38.1	261.8	10.2	85.4
22	174.8	200.1	19.2	* 2.2	21.4	221.5	37.4	258.9	9.7	85.6
23	179.7	201.6	15.4	* 2.4	17.8	219.4	40.8	260.2	8.1	84.3
24	185.4	205.2	15.8	* 1.8	17.6	222.8	42.9	265.7	7.9	83.9

TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, MARCH 1989 (per cent)

Age group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	85.8	61.9	73.8	83.7	57.8	71.2
15-19	64.6	62.2	63.4	49.2	48.3	48.8
20-24	92.6	80.1	86.4	83.6	72.7	78.2
25-34	95.4	64.2	79.8	92.0	64.6	78.3
35-44	94.8	70.5	82.6	93.5	68.5	81.4
45-54	90.6	59.8	75.2	87.6	58.3	74.0
55-59	77.1	33.8	55.2	74.3	32.6	54.8
60-64	49.3	16.8	32.4	52.7	14.3	34.4
65 and over	9.9	2.5	5.6	7.9	2.2	5.0
Total	77.3	53.1	64.9	74.0	49.9	62.3

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE, MARCH 1989

	Employed		Unemployed		Labour force	Unemployment rate	Participation rate(a)
	Full-time workers	Total	Looking for full-time work	Total			
	- '000 -		- '000 -				
MALES							
Born in Australia	3,061.0	3,321.7	180.1	206.6	3,528.3	5.9	77.3
Born outside Australia	1,135.4	1,209.0	77.3	87.3	1,296.3	6.7	74.0
Africa	45.5	47.2	* 1.6	* 2.1	49.3	* 4.2	79.1
America	37.5	41.3	3.8	3.9	45.2	8.6	81.3
Asia	184.1	200.3	26.8	30.7	231.0	13.3	72.9
India	14.6	14.9	* 0.7	* 1.4	16.2	* 8.4	77.2
Lebanon	16.6	17.9	6.5	7.0	24.9	28.2	73.5
Malaysia	16.4	19.2	* 0.6	* 0.9	20.1	* 4.5	71.0
Vietnam	23.6	26.2	8.1	8.2	34.5	23.9	74.6
Europe	765.3	809.0	40.6	44.8	853.9	5.2	72.3
Germany	38.6	39.9	* 2.6	* 2.7	42.6	* 6.3	79.1
Greece	50.5	53.7	3.5	3.6	57.2	6.2	70.3
Italy	99.6	106.6	* 2.6	* 3.2	109.8	* 2.9	71.2
Malta	25.0	25.4	* 0.7	* 0.7	26.1	* 2.8	79.9
Netherlands	34.8	35.5	* 0.7	* 0.7	36.2	* 2.0	73.1
Poland	15.1	17.1	* 0.9	* 0.9	18.1	* 5.2	53.7
UK and Ireland	374.5	399.6	18.4	20.5	420.1	4.9	73.2
Yugoslavia	57.4	59.2	4.6	5.1	64.3	7.9	75.6
Oceania	103.1	111.1	4.6	5.9	117.0	5.0	85.7
New Zealand	86.4	92.0	3.5	3.9	95.9	4.0	87.1
MARRIED FEMALES							
Born in Australia	679.9	1,332.9	31.3	60.3	1,393.1	4.3	51.4
Born outside Australia	320.9	539.3	24.9	41.2	580.5	7.1	50.8
Africa	15.2	21.0	* 1.0	* 1.2	22.2	* 5.4	56.7
America	14.7	23.2	* 0.2	* 1.4	24.6	* 5.8	66.0
Asia	67.6	89.3	8.0	10.7	100.0	10.7	48.9
India	6.6	9.4	* 0.0	* 0.0	9.4	* 0.0	58.0
Lebanon	* 2.4	3.8	* 2.0	* 2.5	6.3	* 39.5	27.7
Malaysia	7.2	10.3	* 0.0	* 0.1	10.4	* 1.2	63.1
Vietnam	9.2	9.8	* 1.9	* 2.2	12.0	* 18.0	54.5
Europe	196.1	361.6	12.9	22.6	384.2	5.9	49.1
Germany	11.0	22.4	* 0.5	* 0.8	23.2	* 3.6	57.7
Greece	17.9	27.5	* 1.2	* 1.5	29.1	* 5.3	45.9
Italy	22.6	38.3	* 0.8	* 1.5	39.8	* 3.8	38.9
Malta	5.4	10.7	* 0.0	* 0.0	10.7	* 0.0	45.0
Netherlands	5.9	14.0	* 0.2	* 0.5	14.4	* 3.2	46.7
Poland	4.2	6.2	* 0.4	* 0.6	6.9	* 9.0	37.0
UK and Ireland	94.9	186.2	5.2	11.5	197.7	5.8	51.6
Yugoslavia	19.3	27.1	* 2.0	* 2.5	29.6	* 8.5	54.4
Oceania	27.3	44.3	* 2.8	5.2	49.5	10.6	63.5
New Zealand	20.0	34.0	* 1.8	3.9	37.9	10.3	63.1
ALL FEMALES							
Born in Australia	1,404.9	2,350.9	112.8	182.0	2,532.9	7.2	53.1
Born outside Australia	480.1	756.7	46.4	70.3	827.0	8.5	49.9
Africa	21.4	29.6	* 1.5	* 3.0	32.5	* 9.1	56.9
America	21.1	32.1	* 1.2	* 3.1	35.2	* 8.8	63.7
Asia	100.7	134.6	13.6	18.7	153.3	12.2	48.8
India	9.4	13.6	* 0.2	* 0.2	13.8	* 1.6	54.8
Lebanon	4.8	7.2	* 2.5	* 3.0	10.2	* 29.5	33.6
Malaysia	11.4	16.4	* 0.2	* 0.6	17.1	* 3.7	60.5
Vietnam	13.8	15.3	* 3.0	* 3.4	18.7	* 18.1	47.6
Europe	283.9	484.5	22.9	34.8	519.3	6.7	47.2
Germany	14.5	28.3	* 1.2	* 1.5	29.9	* 5.2	54.3
Greece	21.7	32.8	* 1.6	* 2.0	34.8	* 5.7	43.4
Italy	29.8	48.7	* 1.1	* 1.9	50.6	* 3.8	37.4
Malta	6.4	12.4	* 0.6	* 0.6	13.0	* 4.5	43.3
Netherlands	8.8	17.9	* 0.4	* 0.6	18.5	* 3.4	45.6
Poland	5.7	8.1	* 0.4	* 0.9	8.9	* 9.5	32.3
UK and Ireland	150.2	262.2	12.0	19.9	282.1	7.1	50.2
Yugoslavia	23.3	33.0	* 2.5	* 2.9	36.0	* 8.2	51.1
Oceania	53.0	75.9	7.2	10.8	86.7	12.4	66.6
New Zealand	41.6	60.4	5.4	8.3	68.7	12.1	68.6
PERSONS							
Born in Australia	4,465.9	5,672.6	292.9	388.6	6,061.2	6.4	64.9
Born outside Australia	1,615.5	1,965.7	123.7	157.7	2,123.4	7.4	62.3
Africa	66.9	76.8	* 3.1	5.0	81.8	6.1	68.5
America	58.6	73.5	5.0	7.0	80.5	8.7	72.6
Asia	284.8	334.9	40.4	49.4	384.3	12.9	60.9
India	24.0	28.4	* 0.9	* 1.6	30.0	* 5.3	65.0
Lebanon	21.4	25.0	9.0	10.0	35.0	28.6	54.7
Malaysia	27.8	35.6	* 0.7	* 1.5	37.1	* 4.1	65.8
Vietnam	37.5	41.6	11.1	11.6	53.2	21.9	62.2
Europe	1,049.1	1,293.5	63.5	79.6	1,373.1	5.8	60.2
Germany	53.0	68.2	3.8	4.2	72.5	5.9	66.6
Greece	72.2	86.5	5.1	5.6	92.1	6.0	56.9
Italy	129.5	155.3	3.7	5.1	160.4	3.2	55.4
Malta	31.4	37.8	* 1.3	* 1.3	39.1	* 3.4	62.4
Netherlands	43.6	53.4	* 1.1	* 1.3	54.8	* 2.5	60.7
Poland	20.8	25.2	* 1.3	* 1.8	27.0	* 6.6	44.0
UK and Ireland	524.7	661.8	30.4	40.4	702.2	5.8	61.8
Yugoslavia	80.8	92.2	7.1	8.0	100.3	8.0	64.5
Oceania	156.0	187.0	11.8	16.6	203.7	8.2	76.4
New Zealand	128.0	152.4	8.9	12.2	164.5	7.4	78.3

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 15. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, MARCH 1989

Period of arrival	Africa	America	Europe					Oceania		Total			Persons
			Asia	Ireland	Other count- ries	New Zealand	Total	Males	Females				
									Married	Total			
EMPLOYED ('000)													
Before 1971	28.0	18.3	76.5	412.2	479.2	28.4	35.9	667.4	291.3	382.6	1,050.1		
1971 - 1975	12.4	22.0	39.3	107.4	62.6	14.6	20.6	156.9	69.0	107.4	264.4		
1976 - 1980	10.4	10.7	67.4	44.7	28.9	34.0	38.4	116.8	57.8	83.7	200.5		
1981 - 1985	11.7	12.4	72.0	47.3	42.3	33.2	41.5	130.0	67.2	97.3	227.3		
1986 to survey date	14.3	10.1	79.8	50.1	18.7	42.1	50.6	137.8	54.0	85.7	223.5		
UNEMPLOYED ('000)													
Before 1971	* 1.5	* 0.6	5.7	22.2	25.2	* 1.5	* 2.3	34.3	15.4	23.2	57.5		
1971 - 1975	* 0.8	* 2.5	4.0	8.1	4.0	* 0.4	* 0.7	11.5	3.6	8.6	20.1		
1976 - 1980	* 0.5	* 1.9	8.7	* 2.5	* 1.8	* 1.9	* 2.2	9.8	4.1	7.7	17.5		
1981 - 1985	* 0.5	* 0.3	10.1	* 3.4	* 3.2	* 2.0	3.6	10.4	6.0	10.7	21.1		
1986 to survey date	* 1.8	* 1.6	21.0	4.4	5.0	6.3	7.8	21.3	12.1	20.2	41.6		
LABOUR FORCE ('000)													
Before 1971	29.5	18.9	82.1	434.4	504.4	30.0	38.3	701.7	306.7	405.8	1,107.6		
1971 - 1975	13.2	24.6	43.2	115.5	66.6	15.0	21.3	168.5	72.6	116.0	284.4		
1976 - 1980	10.9	12.6	76.0	47.2	30.7	35.9	40.6	126.6	61.9	91.4	218.0		
1981 - 1985	12.2	12.7	82.1	50.7	45.5	35.3	45.1	140.4	73.2	108.0	248.3		
1986 to survey date	16.1	11.7	100.8	54.5	23.7	48.4	58.4	159.2	66.1	105.9	265.1		
UNEMPLOYMENT RATE (per cent)													
Before 1971	* 5.1	* 3.1	6.9	5.1	5.0	* 5.1	* 6.1	4.9	5.0	5.7	5.2		
1971 - 1975	* 6.0	* 10.3	9.2	7.0	6.0	* 2.4	* 3.4	6.8	5.0	7.4	7.1		
1976 - 1980	* 4.1	* 15.2	11.4	* 5.3	* 5.8	* 5.4	* 5.3	7.7	6.6	8.4	8.0		
1981 - 1985	* 4.0	* 2.6	12.3	* 6.6	* 7.0	* 5.7	8.0	7.4	8.2	9.9	8.5		
1986 to survey date	* 11.2	* 14.0	20.8	8.0	21.1	13.1	13.3	13.4	18.3	19.1	15.7		
PARTICIPATION RATE(a) (per cent)													
Before 1971	58.6	66.7	64.9	56.9	55.5	68.6	68.4	69.5	46.6	44.0	57.3		
1971 - 1975	75.5	76.3	62.2	72.5	68.3	66.2	68.3	83.0	53.7	56.8	69.8		
1976 - 1980	75.5	91.3	65.4	69.8	73.5	79.9	78.3	82.3	61.3	60.2	71.3		
1981 - 1985	79.0	69.7	60.2	70.8	73.1	82.4	80.5	79.8	59.0	58.6	69.0		
1986 to survey date	73.4	63.7	55.3	73.4	65.6	86.2	81.6	76.0	53.5	54.3	65.5		

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, MARCH 1989 ('000)

	Age group								
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	Total
MALES									
Full-time workers	272.3	492.2	1,172.0	1,106.4	723.7	244.4	146.1	39.4	4,196.5
Part-time workers	110.1	49.5	45.7	32.0	30.3	18.7	20.5	27.5	334.2
Total	382.4	541.7	1,217.6	1,138.4	753.9	263.1	166.6	66.9	4,530.7
MARRIED FEMALES									
Full-time workers	7.8	105.1	307.0	338.1	183.7	39.6	13.3	6.3	1,000.8
Part-time workers	* 2.3	25.2	252.3	328.0	189.2	45.0	22.9	6.4	871.3
Total	10.0	130.3	559.4	666.1	372.8	84.6	36.2	12.6	1,872.1
ALL FEMALES									
Full-time workers	184.6	379.3	518.3	449.8	257.0	59.1	25.6	11.3	1,885.0
Part-time workers	154.5	88.3	300.7	365.3	215.9	55.8	31.1	11.1	1,222.6
Total	339.1	467.5	819.1	815.1	472.9	114.8	56.7	22.3	3,107.6
PERSONS									
Full-time workers	456.9	871.5	1,690.3	1,556.2	980.6	303.5	171.7	50.7	6,081.4
Part-time workers	264.6	137.8	346.4	397.3	246.2	74.4	51.6	38.5	1,556.8
Total	721.5	1,009.2	2,036.7	1,953.5	1,226.8	377.9	223.3	89.3	7,638.3

TABLE 17. HOURS WORKED BY EMPLOYED PERSONS, MARCH 1989

	Females				Persons
	Males	Married	Not married	Total	
NUMBER EMPLOYED ('000)					
Weekly hours worked -					
0	220.9	94.1	49.7	143.9	364.7
1-15	202.8	383.6	201.4	585.0	787.8
16-29	240.5	392.6	139.1	531.7	772.2
30-34	304.1	169.8	112.8	282.6	586.7
35-39	761.2	295.2	272.2	567.3	1,328.6
40	957.3	261.4	248.9	510.3	1,467.6
41-44	280.2	61.8	64.9	126.7	406.9
45-48	444.8	72.0	63.4	135.4	580.2
49 and over	1,118.8	141.7	83.0	224.7	1,343.5
Total	4,530.7	1,872.1	1,235.4	3,107.6	7,638.3
WEEKLY HOURS WORKED					
Aggregate weekly hours worked (million)	184.2	53.3	38.7	92.0	276.2
By full-time workers	179.1	39.2	33.6	72.8	251.9
By part-time workers	5.1	14.1	5.1	19.2	24.3
Average weekly hours worked	40.6	28.5	31.4	29.6	36.2
By full-time workers	42.7	39.2	38.0	38.6	41.4
By part-time workers	15.3	16.1	14.6	15.7	15.6
Average weekly hours worked by persons who worked one hour or more in the reference week	42.7	30.0	32.7	31.0	38.0
By full-time workers	44.9	41.4	39.8	40.7	43.6
By part-time workers	15.9	16.9	15.0	16.4	16.3

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, MARCH 1989 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	64.5	53.3	53.4	42.6	49.4	49.2	51.3
20-24	86.9	80.5	81.6	61.5	76.5	71.6	76.6
25-34	92.3	82.7	88.8	56.0	69.9	59.8	74.3
35-44	92.7	82.3	90.9	66.1	66.6	66.2	78.6
45-54	88.2	73.4	85.7	55.4	60.8	56.4	71.4
55-59	73.8	56.1	70.7	31.2	33.6	31.8	51.6
60-64	48.2	37.7	46.1	14.3	17.9	15.4	30.6
65 and over	9.0	7.2	8.5	3.0	1.5	2.1	4.8
Total	74.6	64.8	70.8	48.4	45.7	47.3	58.9

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, MARCH 1989 ('000)

Reason for working less than 35 hours	Males	Females		Total	Persons
		Married	Not married		
Leave, holiday or flextime	344.9	99.0	83.7	182.7	527.6
Own illness or injury	127.2	40.5	41.4	81.9	209.2
Bad weather, plant breakdown, etc.	29.0	* 1.6	* 0.3	* 1.9	30.8
Began or left job in the reference week	12.4	* 2.4	5.8	8.1	20.5
Stood down, on short time, insufficient work	26.6	6.9	3.7	10.6	37.2
Shift work, standard work arrangements	67.4	13.8	15.1	29.0	96.4
Other reasons	26.6	4.7	* 1.7	6.3	32.9
Total	634.1	168.8	151.7	320.5	954.6

TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, MARCH 1989
('000)

	Age group						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	110.1	49.5	45.7	32.0	30.3	66.6	334.2
Preferred not to work more hours	88.8	31.8	31.1	21.3	23.1	57.3	253.5
Preferred to work more hours	21.3	17.7	14.6	10.7	7.1	9.4	80.7
Had actively looked for full-time work in the four weeks to the end of the reference week	9.4	10.9	9.3	5.7	* 3.2	* 2.7	41.1
MARRIED FEMALES							
Total	* 2.3	25.2	252.3	328.0	189.2	74.3	871.3
Preferred not to work more hours	* 1.2	19.8	221.9	289.1	169.1	69.8	770.9
Preferred to work more hours	* 1.1	5.4	30.4	38.9	20.0	4.5	100.4
Had actively looked for full-time work in the four weeks to the end of the reference week	* 0.5	* 2.1	9.4	8.7	4.7	* 0.5	25.9
ALL FEMALES							
Total	154.5	88.3	300.7	365.3	215.9	97.9	1,222.6
Preferred not to work more hours	119.9	60.1	257.5	316.1	188.3	91.7	1,033.7
Preferred to work more hours	34.5	28.1	43.2	49.2	27.6	6.2	188.9
Had actively looked for full-time work in the four weeks to the end of the reference week	15.0	14.0	15.5	11.2	6.9	* 0.5	63.1
PERSONS							
Total	264.6	137.8	346.4	397.3	246.2	164.6	1,556.8
Preferred not to work more hours	208.8	92.0	288.6	337.4	211.4	149.0	1,287.2
Preferred to work more hours	55.8	45.8	57.8	60.0	34.8	15.5	269.6
Had actively looked for full-time work in the four weeks to the end of the reference week	24.4	24.8	24.8	17.0	10.1	* 3.2	104.3

TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, MARCH 1989
('000)

	Hours worked by persons who worked in the reference week						Persons who did not work in the reference week	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
Total	56.2	72.9	35.5	55.3	51.6	49.9	12.7	334.2
Preferred not to work more hours	43.8	57.7	25.0	38.6	35.5	41.9	10.8	253.5
Preferred to work more hours	12.4	15.2	10.5	16.6	16.1	8.0	* 1.9	80.7
Had actively looked for full-time work in the four weeks to the end of the reference week	5.4	7.4	5.8	7.2	10.4	3.9	* 1.1	41.1
MARRIED FEMALES								
Total	92.3	154.5	127.7	172.4	185.6	98.4	40.4	871.3
Preferred not to work more hours	75.5	130.0	111.1	155.9	171.7	90.8	36.0	770.9
Preferred to work more hours	16.9	24.5	16.7	16.5	13.9	7.6	4.4	100.4
Had actively looked for full-time work in the four weeks to the end of the reference week	3.8	6.1	3.6	4.7	3.8	* 2.7	* 1.3	25.9
ALL FEMALES								
Total	154.1	238.1	175.5	222.5	241.9	140.5	50.1	1,222.6
Preferred not to work more hours	122.0	194.5	148.7	190.4	211.4	123.2	43.5	1,033.7
Preferred to work more hours	32.1	43.6	26.8	32.1	30.5	17.3	6.6	188.9
Had actively looked for full-time work in the four weeks to the end of the reference week	9.5	15.4	9.1	12.2	10.0	5.2	* 1.7	63.1
PERSONS								
Total	210.3	311.0	211.1	277.8	293.5	190.4	62.8	1,556.8
Preferred not to work more hours	165.8	252.2	173.7	229.1	246.9	165.2	54.3	1,287.2
Preferred to work more hours	44.5	58.8	37.3	48.7	46.6	25.3	8.5	269.6
Had actively looked for full-time work in the four weeks to the end of the reference week	14.9	22.8	14.9	19.4	20.4	9.1	* 2.8	104.3

TABLE 22. UNEMPLOYED PERSONS: STATES, BY AGE, MARCH 1989
('000)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia(a)
MALES							
15-19	17.4	14.7	12.5	5.4	6.0	1.5	59.6
20-24	19.2	11.9	10.2	5.8	6.1	3.5	58.9
25-34	27.0	14.0	14.1	8.6	5.0	2.7	73.1
35 and over	42.2	18.8	17.7	10.5	8.4	3.6	102.3
Total	105.9	59.3	54.5	30.3	25.5	11.3	293.9
FEMALES							
15-19	21.4	18.6	14.6	4.9	6.1	3.0	71.0
20-24	12.8	11.4	9.3	4.1	4.1	2.1	45.5
25-34	24.2	10.9	10.1	5.1	6.4	2.4	60.9
35 and over	29.0	16.9	11.4	6.0	7.5	2.5	75.0
Total	87.5	57.8	45.5	20.2	24.0	9.9	252.4
PERSONS							
Looking for full-time work -							
15-19	25.5	19.4	15.2	6.9	7.5	3.6	80.4
20-24	27.2	19.0	17.1	8.5	7.8	4.8	87.2
25-34	41.1	20.8	20.5	11.7	8.4	4.3	109.7
35-44	25.0	10.6	11.0	7.6	5.0	2.7	63.1
45-54	18.4	7.8	7.0	4.1	4.1	1.7	44.1
55 and over	13.0	7.1	5.9	2.3	2.8	* 0.7	32.2
Total looking for full-time work	150.2	84.8	76.7	41.2	35.6	17.8	416.6
Total -							
15-19	38.8	33.3	27.1	10.3	12.0	4.5	130.6
20-24	32.0	23.3	19.5	9.9	10.2	5.6	104.4
25-34	51.2	25.0	24.2	13.7	11.4	5.1	134.0
35-44	32.0	16.9	13.6	8.9	7.3	3.2	83.4
45-54	23.1	9.0	8.6	4.5	4.9	2.0	53.2
55 and over	16.2	9.7	6.9	3.1	3.7	* 0.8	40.8
Total	193.3	117.1	100.0	50.5	49.5	21.2	546.3

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 23. UNEMPLOYED PERSONS AGED 15-19:
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, MARCH 1989

	Not attending school			
	Attending school	Left school before 1988	Left school 1988 to survey date	Total
NUMBER ('000)				
Duration of unemployment (weeks) -				
Under 4	11.4	14.1	8.2	33.6
4 and under 13	13.1	16.9	17.3	47.4
13 and under 26	6.7	10.2	8.5	25.4
26 and over	5.0	18.0	* 1.2	24.2
Total	36.2	59.2	35.3	130.6
DURATION OF UNEMPLOYMENT (weeks)				
Average duration -				
Males	14.3	28.4	9.1	19.7
Females	10.5	28.1	9.9	18.0
Persons	12.2	28.2	9.6	18.8
Looking for full-time work	* 10.5	31.0	10.5	23.5
Looking for part-time work	12.4	11.4	6.8	11.3
Median duration -				
Males	8	14	* 8	10
Females	5	10	8	8
Persons	6	11	8	9
Looking for full-time work	* 6	13	8	10
Looking for part-time work	6	* 4	* 6	5

TABLE 24. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, MARCH 1989

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
LOOKING FOR FULL-TIME WORK										
Total	116.2	257.4	56.1	159.2	416.6	4.0	5.8	5.3	7.8	6.4
Aged 15-19	* 1.7	39.5	* 3.3	40.8	80.4	* 33.5	12.7	* 30.1	18.1	15.0
Looking for first job	* 0.2	15.2	* 0.9	19.8	34.9	..	..	..	..	..
Attending school	* 0.0	* 2.2	* 0.0	* 1.0	* 3.2	n.a.	n.a.	n.a.	n.a.	n.a.
Attending a tertiary educational institution full time	* 0.0	* 1.2	* 0.0	* 1.1	* 2.2	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	114.5	217.9	52.8	118.4	336.3	3.9	5.3	5.0	6.5	5.6
20-24	9.7	51.8	5.4	35.4	87.2	9.5	9.5	4.9	8.5	9.1
Looking for first job	* 0.2	5.7	* 0.9	4.3	10.0	..	..	..	..	..
25-34	36.6	70.4	21.5	39.3	109.7	4.5	5.7	6.5	7.1	6.1
35-44	26.0	36.3	16.5	26.8	63.1	2.7	3.2	4.7	5.6	3.9
45-54	20.7	29.6	8.0	14.4	44.1	3.2	3.9	4.2	5.3	4.3
55 and over	21.5	29.8	* 1.4	* 2.4	32.2	5.6	6.5	* 2.3	* 2.5	5.8
Aged 15-64	115.5	256.2	56.1	159.2	415.4	4.0	5.8	5.3	7.8	6.4
LOOKING FOR PART-TIME WORK										
Total	7.1	36.5	45.3	93.2	129.6	5.4	9.8	4.9	7.1	7.7
Aged 15-19	* 0.2	20.1	* 1.1	30.2	50.3	* 41.2	15.4	* 31.7	16.3	16.0
Attending school	* 0.0	14.3	* 0.0	18.7	32.9	* 0.0	18.6	* 0.0	19.4	19.0
Attending a tertiary educational institution full time	* 0.0	5.1	* 0.4	9.1	14.2	* 0.0	17.3	* 76.5	18.2	17.9
Aged 20 and over	6.9	16.4	44.3	63.0	79.4	5.3	6.8	4.8	5.6	5.8
20-24	* 0.4	7.2	* 1.5	10.1	17.2	* 8.8	12.6	* 5.7	10.2	11.1
Attending a tertiary educational institution full time	* 0.2	5.7	* 0.0	5.6	11.3	* 46.5	21.7	* 0.0	18.0	19.7
25-34	* 1.3	* 2.7	16.1	21.6	24.2	* 5.6	* 5.6	6.0	6.7	6.5
35-44	* 1.7	* 1.9	16.0	18.4	20.2	* 7.9	* 5.5	4.7	4.8	4.8
45 and over	* 3.4	4.7	10.6	13.0	17.6	* 4.3	4.6	3.9	4.0	4.1
Aged 15-64	6.9	36.1	45.3	92.7	128.8	6.3	10.5	5.0	7.1	7.8
TOTAL										
Total	123.2	293.9	101.5	252.4	546.3	4.0	6.1	5.1	7.5	6.7
Aged 15-19	* 1.8	59.6	4.4	71.0	130.6	* 34.1	13.5	30.4	17.3	15.3
Attending school	* 0.0	16.5	* 0.0	19.7	36.2	* 0.0	20.7	* 0.0	20.1	20.4
Attending a tertiary educational institution full time	* 0.0	6.3	* 0.4	10.1	16.4	* 0.0	16.6	* 76.5	19.1	18.1
Aged 20 and over(a)	121.4	234.3	97.1	181.3	415.6	4.0	5.3	5.0	6.1	5.7
20-24	10.2	58.9	6.9	45.5	104.4	9.5	9.8	5.1	8.9	9.4
Attending a tertiary educational institution full time	* 0.5	7.2	* 0.2	7.0	14.2	* 39.1	21.8	* 13.3	19.4	20.6
25-34	37.9	73.1	37.6	60.9	134.0	4.5	5.7	6.3	6.9	6.2
35-44	27.7	38.2	32.5	45.2	83.4	2.8	3.2	4.7	5.2	4.1
45-54	21.8	30.8	14.9	22.4	53.2	3.3	3.9	3.8	4.5	4.2
55-59	12.9	17.7	* 3.4	5.2	22.9	5.4	6.3	* 3.9	4.3	5.7
60-64	10.1	14.0	* 1.7	* 1.8	15.8	6.8	7.7	* 4.4	* 3.1	6.6
Aged 15-64	122.4	292.3	101.5	251.9	544.2	4.1	6.1	5.2	7.5	6.7

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 25. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, MARCH 1989

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
Total	206.6	182.0	388.6	5.9	7.2	6.4
Looking for full-time work	180.1	112.8	292.9	5.6	7.4	6.2
Looking for part-time work	26.4	69.2	95.7	9.2	6.8	7.3
Aged 15-19	52.1	63.7	115.9	13.1	17.1	15.0
Aged 20 and over	154.4	118.3	272.7	4.9	5.5	5.2
20-24	46.3	35.3	81.6	9.3	8.3	8.8
25-34	51.7	39.5	91.2	5.2	5.9	5.5
35-44	21.3	28.3	49.5	2.7	4.8	3.6
45-54	18.1	11.8	29.9	3.6	3.6	3.6
55 and over	17.1	3.5	20.5	4.8	2.4	4.1
Aged 15-64	206.1	181.8	387.9	5.9	7.2	6.5
BORN OUTSIDE AUSTRALIA						
Total	87.3	70.3	157.7	6.7	8.5	7.4
Looking for full-time work	77.3	46.4	123.7	6.4	8.8	7.1
Looking for part-time work	10.0	23.9	34.0	12.0	8.0	8.8
Aged 15-19	7.5	7.3	14.8	17.5	19.3	18.3
Aged 20 and over	79.9	63.1	142.9	6.4	8.0	7.0
20-24	12.6	10.2	22.8	12.4	11.6	12.1
25-34	21.4	21.4	42.8	7.0	10.0	8.2
35-44	17.0	16.9	33.9	4.4	6.4	5.2
45-54	12.7	10.6	23.3	4.5	6.5	5.2
55 and over	16.2	4.0	20.2	9.2	6.9	8.6
Aged 15-64	86.2	70.1	156.2	6.7	8.5	7.4

TABLE 26. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., MARCH 1989

Duration of unemployment (weeks)	Age group				Total (a)	Married	Not married	Looking for -	
	15-19	20-24	25-34	35-54				Full-time work	Part-time work
MALES									
- '000 -									
Under 2	5.2	4.4	4.5	4.6	19.6	7.9	11.6	13.7	5.9
2 and under 4	9.5	7.6	6.3	* 3.3	28.3	6.7	21.6	21.6	~6.7
4 and under 8	8.8	5.9	7.4	7.2	30.9	12.3	18.6	23.9	7.0
8 and under 13	10.5	7.6	12.0	8.6	39.9	13.8	26.1	35.9	4.0
13 and under 26	12.6	11.2	12.5	9.0	49.6	18.2	31.4	43.8	5.7
26 and under 39	3.9	4.8	5.4	5.2	21.6	9.5	12.1	19.0	* 2.6
39 and under 52	* 1.2	* 1.5	* 2.7	* 3.0	9.5	5.1	4.4	9.0	* 0.5
52 and under 65	3.9	4.1	* 3.1	* 3.1	16.0	7.0	9.0	14.0	* 2.0
65 and under 104	* 2.2	* 3.0	3.9	4.8	17.5	8.8	8.7	17.1	* 0.4
104 and over	* 1.9	8.9	15.3	20.1	61.1	34.0	27.0	59.5	* 1.6
Total	59.6	58.9	73.1	69.0	293.9	123.2	170.7	257.4	36.5
- weeks -									
Average duration -	19.7	45.5	57.6	71.5	58.1	70.4	49.2	63.8	17.7
Median duration -	10	16	17	28	18	27	14	21	6
FEMALES									
- '000 -									
Under 2	9.2	5.1	5.3	9.8	30.1	14.3	15.8	11.9	18.2
2 and under 4	9.7	6.2	10.7	9.0	36.5	16.6	19.9	16.9	19.6
4 and under 8	15.4	7.9	14.8	10.5	49.4	22.4	27.1	27.2	22.3
8 and under 13	12.8	6.8	7.5	7.7	35.5	10.2	25.3	25.2	10.3
13 and under 26	12.8	5.5	6.4	7.4	32.5	9.7	22.9	24.4	8.1
26 and under 39	* 2.9	3.9	3.9	4.7	15.8	5.5	10.3	11.5	4.3
39 and under 52	* 1.1	* 0.8	* 1.2	* 1.6	4.6	* 1.6	* 3.0	* 3.3	* 1.2
52 and under 65	* 3.1	3.5	4.7	6.8	18.1	8.7	9.4	13.3	4.7
65 and under 104	* 0.9	* 1.2	* 1.3	* 3.4	7.2	* 3.4	3.9	6.4	* 0.9
104 and over	* 3.2	4.7	5.0	6.8	22.5	9.2	13.4	19.0	3.5
Total	71.0	45.5	60.9	67.5	252.4	101.5	150.9	159.2	93.2
- weeks -									
Average duration -	18.0	34.3	32.8	36.3	32.0	30.8	32.8	39.9	18.6
Median duration -	8	9	7	9	8	6	9	12	4
PERSONS									
- '000 -									
Under 2	14.4	9.5	9.8	14.4	49.7	22.2	27.5	25.6	24.1
2 and under 4	19.2	13.8	17.0	12.3	64.8	23.3	41.6	38.5	26.3
4 and under 8	24.1	13.8	22.3	17.7	80.3	34.7	45.6	51.1	29.2
8 and under 13	23.3	14.4	19.5	16.3	75.4	23.9	51.5	61.1	14.3
13 and under 26	25.4	16.6	18.9	16.5	82.1	27.8	54.3	68.2	13.9
26 and under 39	6.8	8.6	9.3	9.9	37.4	15.0	22.4	30.5	6.9
39 and under 52	* 2.2	* 2.3	3.9	4.6	14.1	6.7	7.3	12.3	* 1.8
52 and under 65	7.0	7.5	7.8	9.9	34.1	15.7	18.4	27.3	6.8
65 and under 104	* 3.1	4.2	5.3	8.2	24.8	12.1	12.6	23.5	* 1.3
104 and over	5.1	13.6	20.3	26.8	83.6	43.2	40.4	78.5	5.1
Total	130.6	104.4	134.0	136.5	546.3	224.7	321.6	416.6	129.6
- weeks -									
Average duration -	18.8	40.6	46.4	54.1	46.1	52.5	41.5	54.7	18.3
Median duration -	9	13	12	16	13	15	11	17	4

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 27. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK (a), MARCH 1989 ('000)

	Persons					Total
	Males	Females	Aged 15-19	Aged 20-24	Aged 25 and over	
Took active steps to find work	289.8	240.7	127.3	102.1	301.2	530.5
Wrote, phoned or applied in person to an employer	241.1	196.1	103.6	85.8	247.8	437.1
Answered a newspaper advertisement for a job	6.2	7.0	* 2.0	* 2.7	8.5	13.2
Checked factory or Commonwealth Employment Service noticeboards	21.6	18.9	10.5	6.3	23.7	40.5
Been registered with the Commonwealth Employment Service	16.4	12.8	7.8	5.4	16.0	29.2
Checked or registered with any other employment agency	* 0.2	* 1.9	* 0.1	* 0.9	* 1.1	* 2.1
Advertised or tendered for work	* 0.2	* 0.8	* 0.2	* 0.3	* 0.6	* 1.0
Contacted relatives or friends	4.1	* 3.2	* 3.1	* 0.8	3.5	7.3
Stood down	4.1	11.7	* 3.4	* 2.3	10.1	15.8
Total	293.9	252.4	130.6	104.4	311.2	546.3

(a) See Explanatory Notes, paragraph 15.

TABLE 28. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB
AND DURATION OF UNEMPLOYMENT, MARCH 1989
('000)

	Duration of unemployment (weeks)					Total		
	Under 4	4 and under 13	13 and under 26	26 and under 52	52 and over	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	63.5	96.3	49.9	33.3	32.2	166.3	108.9	275.1
Industry division or subdivision -								
Agriculture, forestry, fishing & hunting	4.3	4.9	* 3.2	* 2.8	* 1.4	12.3	4.3	16.6
Agriculture & services to agriculture	3.9	4.1	* 3.2	* 1.9	* 1.1	10.5	3.8	14.3
Manufacturing	13.1	17.9	9.8	9.0	8.0	42.1	15.8	57.9
Food, beverages and tobacco	* 2.2	* 3.1	* 2.8	* 2.2	* 1.2	8.0	3.5	11.5
Metal products	* 1.4	4.5	* 2.0	* 1.1	* 1.8	9.7	* 1.1	10.9
Other manufacturing	9.5	10.4	5.0	5.7	4.9	24.3	11.1	35.5
Construction	4.4	5.6	6.9	* 2.0	* 2.4	20.0	* 1.2	21.2
Wholesale and retail trade	13.9	23.4	12.0	6.4	5.5	32.1	29.2	61.3
Wholesale trade	* 2.7	5.8	* 3.2	* 2.5	* 1.3	11.1	4.4	15.5
Retail trade	11.2	17.6	8.8	3.9	4.3	21.0	24.8	45.8
Transport and storage	3.5	3.9	* 2.3	* 1.0	* 0.8	9.7	* 1.8	11.5
Finance, property & business services	5.3	6.3	* 2.5	* 2.0	* 1.5	9.1	8.5	17.6
Public administration and defence	* 2.7	4.6	* 1.4	* 2.2	* 2.3	6.2	7.0	13.3
Community services	8.2	12.9	4.0	4.4	4.6	10.9	23.3	34.2
Recreation, personal & other services	5.9	13.2	6.2	* 2.8	5.0	16.3	16.7	33.1
Other industries	* 2.3	* 3.4	* 1.6	* 0.6	* 0.6	7.5	* 1.1	8.5
Occupation group -								
Managers and administrators	* 2.4	5.0	* 2.2	* 1.0	* 1.4	8.9	* 3.2	12.1
Professionals	5.1	9.9	* 2.5	* 1.6	* 2.5	11.4	10.2	21.5
Para-professionals	* 2.6	* 2.0	* 0.8	* 1.3	* 1.0	4.3	* 3.4	7.7
Tradespersons	7.8	9.1	8.6	7.1	3.6	31.6	4.6	36.2
Clerks	9.9	14.0	4.6	3.6	* 2.7	7.4	27.5	34.9
Salespersons and personal service workers	10.4	19.8	8.1	5.4	4.9	16.3	32.4	48.7
Plant and machine operators	4.4	8.7	6.1	* 2.9	4.0	19.6	6.5	26.1
Labourers and related workers	20.8	27.7	17.1	10.4	12.0	66.9	21.1	88.0
Other	35.3	59.4	32.2	18.2	110.3	123.6	131.8	255.4
Looking for first job	21.0	33.2	19.2	7.6	18.7	42.7	57.0	99.8
Looking for full-time work	6.7	16.1	11.5	4.3	16.0	24.6	30.1	54.7
Other	14.3	26.2	13.0	10.6	91.6	80.8	74.8	155.6
Stood down	15.8	..	..	..	..	4.1	11.7	15.8
Total	114.5	155.7	82.1	51.5	142.4	293.9	252.4	546.3

TABLE 29. UNEMPLOYED PERSONS: REASON FOR UNEMPLOYMENT, MARCH 1989

Month	Reason for unemployment					Total	Percent of unemployed				
	Job loser	Job leaver	Stood down	Looking for first job	Former workers		Job loser	Job leaver	Stood down	Looking for first job	Former workers
	- '000 -						- per cent -				
1988 -											
January	207.1	119.5	14.3	154.8	150.4	646.2	32.1	18.5	2.2	24.0	23.3
February	201.4	120.6	12.1	137.1	173.6	644.8	31.2	18.7	1.9	21.3	26.9
March	203.0	121.6	16.7	130.4	173.6	645.2	31.5	18.8	2.6	20.2	26.9
April	207.9	124.8	25.6	114.6	171.9	644.8	32.2	19.4	4.0	17.8	26.7
May	190.0	115.0	13.2	103.2	171.6	593.0	32.0	19.4	2.2	17.4	28.9
June	183.7	110.0	11.9	94.0	169.4	569.1	32.3	19.3	2.1	16.5	29.8
July	172.9	96.5	15.3	82.5	151.5	518.8	33.3	18.6	3.0	15.9	29.2
August	170.7	113.5	8.6	90.6	155.3	538.7	31.7	21.1	1.6	16.8	28.8
September	169.8	113.3	16.6	98.3	156.5	554.6	30.6	20.4	3.0	17.7	28.2
October	156.9	95.9	12.3	90.4	152.3	507.9	30.9	18.9	2.4	17.8	30.0
November	152.0	91.4	14.1	85.2	145.6	488.4	31.1	18.7	2.9	17.4	29.8
December	146.5	109.6	11.7	147.0	148.6	563.3	26.0	19.4	2.1	26.1	26.4
1989 -											
January	172.0	110.6	19.1	141.7	149.0	592.4	29.0	18.7	3.2	23.9	25.2
February	164.7	126.3	15.1	128.0	164.0	598.1	27.5	21.1	2.5	21.4	27.4
March	150.8	124.3	15.8	99.8	155.6	546.3	27.6	22.8	2.8	18.3	28.5

TABLE 30. UNEMPLOYED PERSONS WHO HAD WORKED FULL TIME FOR TWO WEEKS OR MORE IN THE LAST TWO YEARS: REASON FOR CEASING LAST FULL-TIME JOB, INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND AGE, MARCH 1989 ('000)

Industry group	Reason for ceasing last full-time job									
	Job loser									Total
	Laid-off, retrenched			Total			Job leaver			
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	
Agriculture, forestry, fishing and hunting	* 3.4	* 0.6	4.0	9.3	* 3.3	12.7	* 2.9	* 1.0	3.9		16.6
Manufacturing	17.0	3.5	20.5	24.6	7.9	32.5	17.5	7.9	25.4	57.9
Construction	9.6	* 0.5	10.1	13.9	* 0.5	14.4	6.1	* 0.7	6.8	21.2
Wholesale and retail	12.7	9.2	21.9	18.9	13.0	31.9	13.1	16.3	29.4	61.3
Transport and storage	4.0	* 0.5	4.5	5.8	* 0.6	6.4	3.8	* 1.2	5.1	11.5
Public administration & defence	* 1.3	* 1.2	* 2.5	* 3.2	3.9	7.1	* 3.1	* 3.1	6.2	13.3
Community services	* 2.0	* 3.1	5.1	5.7	9.8	15.5	5.2	13.5	18.7	34.2
Recreation, personal and other services	6.0	5.0	11.0	9.8	7.6	17.5	6.5	9.1	15.6	33.1
Other industries	6.5	* 1.6	8.1	9.7	* 3.2	12.9	6.9	6.4	13.3	26.2
Occupation group										
Tradespersons	12.9	* 1.3	14.2	19.9	* 2.5	22.4	11.7	* 2.1	13.8	36.2
Clerks	* 2.5	4.7	7.2	4.7	11.8	16.5	* 2.6	15.7	18.3	34.9
Salespersons and personal service workers	5.5	9.4	14.9	8.6	13.1	21.7	7.7	19.3	27.0	48.7
Plant and machine operators, and drivers	8.0	* 1.3	9.3	12.2	* 2.4	14.6	7.4	4.1	11.5	26.1
Labourers and related workers	27.5	6.5	33.9	44.5	12.6	57.1	22.4	8.5	30.9	88.0
Other occupations	6.1	* 2.1	8.2	11.2	7.5	18.6	13.4	9.4	22.7	41.3
Age group										
15-19	9.3	7.6	16.9	13.4	11.4	24.8	12.4	13.3	25.7	50.5
20-24	14.9	7.7	22.6	23.0	13.8	36.7	15.9	15.1	31.0	67.8
25-34	15.6	5.3	20.8	27.8	12.0	39.8	19.0	16.7	35.7	75.5
35-44	8.2	* 3.2	11.4	13.9	8.6	22.5	8.9	8.7	17.6	40.1
45-54	7.8	* 1.2	9.0	12.0	3.5	15.6	5.4	3.8	9.1	24.7
55 and over	6.6	* 0.3	6.9	11.0	* 0.5	11.5	3.7	* 1.3	5.0	16.6
Total	62.5	25.2	87.7	101.0	49.8	150.8	65.2	59.1	124.3	275.1

TABLE 31. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, MARCH 1989

Age group	Males			Females			Persons	Proportion of population - per cent -
	Married	Not married	Total	Married	Not married	Total		
				- '000 -				
15-19	* 0.1	273.5	273.7	9.1	270.2	279.3	553.0	39.4
20-24	4.4	59.1	63.5	74.6	65.2	139.7	203.2	15.4
25-34	28.8	51.4	80.2	402.3	88.5	490.8	571.0	20.8
35-44	47.6	27.7	75.2	309.6	62.2	371.8	447.1	18.0
45-54	64.9	29.8	94.8	285.7	57.1	342.8	437.6	25.5
55-59	67.6	23.6	91.2	183.0	57.9	241.0	332.2	45.3
60-64	138.3	42.7	181.0	216.3	93.7	310.0	491.0	67.3
65-69	206.4	55.2	261.6	194.7	129.6	324.3	585.8	90.7
70 and over	316.4	136.5	452.9	221.0	490.8	711.7	1,164.6	97.4
Total	874.6	699.5	1,574.1	1,896.2	1,315.1	3,211.3	4,785.4	36.9

TABLE 32. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., MARCH 1989 ('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
Looking for work	12.5	20.2	32.7	27.2	21.3	48.5	81.2
Took active steps to find work (a)	7.7	11.9	19.6	8.9	10.1	19.0	38.6
Did not take active steps to find work	4.8	8.3	13.1	18.3	11.2	29.5	42.6
Not looking for work	826.1	616.7	1,442.9	1,847.7	1,171.3	3,019.1	4,461.9
Permanently unable to work	14.1	11.0	25.1	4.9	11.3	16.2	41.3
In institutions	21.8	51.6	73.4	16.4	111.2	127.6	201.0
Total	874.6	699.5	1,574.1	1,896.2	1,315.1	3,211.3	4,785.4

(a) Not available to start work in the reference week for reasons other than own temporary illness or injury.

TABLE 33. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS FEBRUARY 1989 AND MARCH 1989 ('000)

Labour force status in - February 1989	March 1989	Females			Persons
		Males	Married	Total	
Employed full time	Employed full time	3,225.6	716.0	1,351.9	4,577.5
	Employed part time	50.5	56.2	79.1	129.6
	Unemployed	20.0	* 2.2	9.4	29.4
	Not in the labour force	43.1	15.8	30.3	73.4
Employed part time	Employed full time	49.6	60.3	86.3	135.9
	Employed part time	161.4	581.4	795.7	957.0
	Unemployed	9.8	8.2	16.5	26.3
	Not in the labour force	26.8	45.3	67.6	94.3
Unemployed	Employed full time	40.2	9.3	25.3	65.5
	Employed part time	18.5	15.7	29.5	48.0
	Unemployed	151.7	37.9	105.9	257.5
	Not in the labour force	34.3	25.2	51.3	85.6
Not in the labour force	Employed full time	28.0	19.3	27.4	55.5
	Employed part time	29.4	67.2	89.1	118.5
	Unemployed	32.4	27.1	53.3	85.7
	Not in the labour force	1,049.8	1,440.6	2,281.2	3,331.0
Total flows into	Employed	116.1	111.6	171.3	287.4
	Full time	117.8	89.0	139.1	256.9
	Part time	98.4	139.1	197.6	296.1
	Unemployed	62.3	37.5	79.2	141.5
	Not in the labour force	104.2	86.3	149.1	253.3
Total flows out of	Employed	99.8	71.5	123.7	223.5
	Full time	113.7	74.2	118.7	232.4
	Part time	86.2	113.8	170.4	256.6
	Unemployed	92.9	50.3	106.1	199.0
	Not in the labour force	89.9	113.7	169.8	259.7
Total changes of status		282.6	235.5	399.6	682.2
Population represented by the matched sample		4,971.1	3,127.9	5,099.7	10,070.8

TABLE 34. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, MARCH 1989

	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 and over		
					Males	Females	Persons
NUMBER ('000)							
Member of a family	6,309.6	428.0	6,737.6	3,609.1	5,152.9	5,193.8	10,346.7
Husband or wife	4,636.1	214.2	4,850.4	2,624.8	3,778.5	3,696.7	7,475.1
With children aged 0-14 present	2,450.2	130.5	2,580.6	780.5	1,708.6	1,652.5	3,361.1
Without children aged 0-14 present	2,186.0	83.8	2,269.7	1,844.2	2,069.8	2,044.2	4,114.0
With dependents present	2,820.0	138.0	2,958.0	885.3	1,951.3	1,892.1	3,843.4
Without dependents present	1,816.2	76.2	1,892.3	1,739.4	1,827.2	1,804.6	3,631.8
Other family head	265.3	32.5	297.9	291.6	111.7	477.7	589.4
With children aged 0-14 present	120.9	19.5	140.5	131.5	29.0	242.9	272.0
Without children aged 0-14 present	144.4	13.0	157.4	160.1	82.7	234.8	317.5
With dependents present	161.3	23.1	184.3	148.1	42.6	289.8	332.4
Without dependents present	104.1	9.5	113.5	143.5	69.2	187.9	257.0
Full-time student aged 15-24(a)	231.9	53.3	285.2	476.2	377.4	384.0	761.4
Other child of married-couple or other family head	1,089.3	114.5	1,203.9	93.7	792.6	505.0	1,297.6
Other relative of married-couple or other family head	86.9	13.4	100.3	122.8	92.6	130.5	223.2
Not a member of a family	1,010.8	84.9	1,095.7	716.9	880.2	932.4	1,812.6
Living alone	433.8	32.3	466.1	610.8	452.6	624.3	1,076.9
Not living alone	577.1	52.5	629.6	106.0	427.6	308.1	735.6
Usual resident of a private dwelling where family status was determined	7,320.4	512.9	7,833.3	4,326.0	6,033.1	6,126.2	12,159.3
Usual resident of a private dwelling where family status was not determined	151.4	10.9	162.3	75.2	97.8	139.6	237.4
Total usual residents of private dwellings	7,471.8	523.7	7,995.5	4,401.2	6,130.9	6,265.8	12,396.7
Visitors to private dwellings	50.6	8.5	59.0	59.8	54.0	64.8	118.9
Persons enumerated in non-private dwellings	115.9	14.1	130.0	324.4	213.7	240.6	454.4
Total	7,638.3	546.3	8,184.5	4,785.4	6,398.6	6,571.3	12,969.9
PROPORTION OF TOTAL (per cent)							
Member of a family	82.6	78.3	82.3	75.4	80.5	79.0	79.8
Husband or wife	60.7	39.2	59.3	54.8	59.1	56.3	57.6
With children aged 0-14 present	32.1	23.9	31.5	16.3	26.7	25.1	25.9
Without children aged 0-14 present	28.6	15.3	27.7	38.5	32.3	31.1	31.7
With dependents present	36.9	25.3	36.1	18.5	30.5	28.8	29.6
Without dependents present	23.8	13.9	23.1	36.3	28.6	27.5	28.0
Other family head	3.5	6.0	3.6	6.1	1.7	7.3	4.5
With children aged 0-14 present	1.6	3.6	1.7	2.7	0.5	3.7	2.1
Without children aged 0-14 present	1.9	2.4	1.9	3.3	1.3	3.6	2.4
With dependents present	2.1	4.2	2.3	3.1	0.7	4.4	2.6
Without dependents present	1.4	1.7	1.4	3.0	1.1	2.9	2.0
Full-time student aged 15-24(a)	3.0	9.8	3.5	10.0	5.9	5.8	5.9
Other child of married-couple or other family head	14.3	21.0	14.7	2.0	12.4	7.7	10.0
Other relative of married-couple or other family head	1.1	2.5	1.2	2.6	1.4	2.0	1.7
Not a member of a family	13.2	15.5	13.4	15.0	13.8	14.2	14.0
Living alone	5.7	5.9	5.7	12.8	7.1	9.5	8.3
Not living alone	7.6	9.6	7.7	2.2	6.7	4.7	5.7
Usual resident of a private dwelling where family status was determined	95.8	93.9	95.7	90.4	94.3	93.2	93.7
Usual resident of a private dwelling where family status was not determined	2.0	2.0	2.0	1.6	1.5	2.1	1.8
Total usual residents of private dwellings	97.8	95.9	97.7	92.0	95.8	95.4	95.6
Visitors to private dwellings	0.7	1.5	0.7	1.3	0.8	1.0	0.9
Persons enumerated in non-private dwellings	1.5	2.6	1.6	6.8	3.3	3.7	3.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Excludes persons aged 20-24 attending school.

TABLE 35. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), MARCH 1989

	Employed			Unemployed		Labour force	Not in labour force	Civilian populat- ion aged 15 and over	Unemp- loyment rate	Participa- tion rate
	Full- time workers	Part- time workers	Total	Locking for full- time work	Total					
- '000 -										
MALES										
Member of a family	3,480.3	262.6	3,742.8	195.0	224.4	3,967.3	1,185.6	5,152.9	5.7	77.0
Husband	2,721.8	117.8	2,839.6	110.8	117.3	2,956.9	821.6	3,778.5	4.0	78.3
With children aged 0-14 present	1,518.0	37.7	1,555.6	68.2	70.8	1,626.4	82.2	1,708.6	4.4	95.2
Without children aged 0-14 present	1,203.9	80.1	1,284.0	42.6	46.5	1,330.5	739.3	2,069.8	3.5	64.3
With dependents present	1,722.1	46.4	1,768.5	71.5	74.6	1,843.1	108.1	1,951.3	4.0	94.5
Without dependents present	999.7	71.3	1,071.1	39.3	42.7	1,113.8	713.4	1,827.2	3.8	61.0
Other family head	72.2	4.1	76.3	6.0	6.7	83.0	28.8	111.7	8.0	74.3
With children aged 0-14 present	19.3	* 1.3	20.6	* 1.6	* 1.6	22.1	6.9	29.0	* 7.0	76.2
Without children aged 0-14 present	52.9	* 2.8	55.7	4.4	5.1	60.8	21.8	82.7	8.4	73.6
With dependents present	30.3	* 2.0	32.3	* 2.3	* 2.4	34.7	7.9	42.6	* 6.8	81.4
Without dependents present	41.9	* 2.2	44.0	3.7	4.3	48.3	20.9	69.2	8.9	69.8
Full-time student aged 15-24(b)	8.4	94.6	103.0	3.5	24.0	127.0	250.4	377.4	18.9	33.7
Other child of married-couple or other family head	627.4	43.3	670.6	67.2	68.8	739.5	53.1	792.6	9.3	93.3
Other relative of married-couple or other family head	50.5	* 2.8	53.3	7.5	7.7	60.9	31.7	92.6	12.6	65.8
Not a member of a family	558.3	52.1	610.4	46.0	50.6	661.0	219.2	880.2	7.7	75.1
Living alone	247.4	21.0	268.3	20.2	21.2	289.6	163.1	452.6	7.3	64.0
Not living alone	310.9	31.2	342.1	25.8	29.4	371.5	56.1	427.6	7.9	86.9
Total	4,038.5	314.7	4,353.3	240.9	275.1	4,628.3	1,404.8	6,033.1	5.9	76.7
FEMALES										
Member of a family	1,468.8	1,097.9	2,566.8	122.3	203.6	2,770.3	2,423.5	5,193.8	7.3	53.3
Wife	955.9	840.6	1,796.5	52.5	96.9	1,893.5	1,803.2	3,696.7	5.1	51.2
With children aged 0-14 present	376.6	517.9	894.5	29.1	59.7	954.2	698.3	1,652.5	6.3	57.7
Without children aged 0-14 present	579.3	322.7	902.0	23.4	37.2	939.2	1,104.9	2,044.2	4.0	45.9
With dependents present	457.4	594.0	1,051.5	31.9	63.4	1,114.9	777.2	1,892.1	5.7	58.9
Without dependents present	498.5	246.6	745.1	20.6	33.5	778.6	1,026.0	1,804.6	4.3	43.1
Other family head	117.2	71.9	189.0	18.6	25.9	214.9	262.8	477.7	12.0	45.0
With children aged 0-14 present	54.1	46.2	100.3	11.9	18.0	118.3	124.6	242.9	15.2	48.7
Without children aged 0-14 present	63.1	25.6	88.7	6.6	7.9	96.6	138.2	234.8	8.2	41.1
With dependents present	74.3	54.6	129.0	14.0	20.7	149.7	140.2	289.8	13.8	51.6
Without dependents present	42.9	17.2	60.1	4.5	5.2	65.2	122.6	187.9	7.9	34.7
Full-time student aged 15-24(b)	4.3	124.5	128.8	* 2.1	29.3	158.2	225.8	384.0	18.5	41.2
Other child of married-couple or other family head	363.9	54.8	418.7	44.1	45.7	464.4	40.6	505.0	9.8	92.0
Other relative of married-couple or other family head	27.5	6.2	33.7	4.9	5.7	39.4	91.1	130.5	14.6	30.2
Not a member of a family	324.9	75.5	400.4	26.2	34.2	434.7	497.7	932.4	7.9	46.6
Living alone	130.1	35.4	165.4	8.9	11.1	176.5	447.8	624.3	6.3	28.3
Not living alone	194.9	40.1	235.0	17.3	23.1	258.1	49.9	308.1	9.0	83.8
Total	1,793.7	1,173.4	2,967.2	148.5	237.8	3,205.0	2,921.2	6,126.2	7.4	52.3
PERSONS										
Member of a family	4,949.1	1,360.5	6,309.6	317.2	428.0	6,737.6	3,609.1	10,346.7	6.4	65.1
Husband or wife	3,677.8	958.4	4,636.1	163.3	214.2	4,850.4	2,624.8	7,475.1	4.4	64.9
With children aged 0-14 present	1,894.6	555.6	2,450.2	97.3	130.5	2,580.6	780.5	3,361.1	5.1	76.8
Without children aged 0-14 present	1,783.2	402.8	2,186.0	66.0	83.8	2,269.7	1,844.2	4,114.0	3.7	55.2
With dependents present	2,179.5	640.4	2,820.0	103.5	138.0	2,958.0	885.3	3,843.4	4.7	77.0
Without dependents present	1,498.2	317.9	1,816.2	59.8	76.2	1,892.3	1,739.4	3,631.8	4.0	52.1
Other family head	189.4	76.0	265.3	24.5	32.5	297.9	291.6	589.4	10.9	50.5
With children aged 0-14 present	73.4	47.5	120.9	13.5	19.5	140.5	131.5	272.0	13.9	51.7
Without children aged 0-14 present	116.0	28.5	144.4	11.0	13.0	157.4	160.1	317.5	8.2	49.6
With dependents present	104.7	56.6	161.3	16.3	23.1	184.3	148.1	332.4	12.5	55.5
Without dependents present	84.7	19.4	104.1	8.2	9.5	113.5	143.5	257.0	8.3	44.2
Full-time student aged 15-24(b)	12.7	219.2	231.9	5.7	53.3	285.2	476.2	761.4	18.7	37.5
Other child of married-couple or other family head	991.3	98.0	1,089.3	111.3	114.5	1,203.9	93.7	1,297.6	9.5	92.8
Other relative of married-couple or other family head	78.0	9.0	86.9	12.5	13.4	100.3	122.8	223.2	13.4	45.0
Not a member of a family	883.2	127.6	1,010.8	72.2	84.9	1,095.7	716.9	1,812.6	7.7	60.5
Living alone	377.4	56.4	433.8	29.1	32.3	466.1	610.8	1,076.9	6.9	43.3
Not living alone	505.8	71.3	577.1	43.1	52.5	629.6	106.0	735.6	8.3	85.6
Total	5,832.3	1,488.2	7,320.4	389.5	512.9	7,833.3	4,326.0	12,159.3	6.5	64.4

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory Notes.

(b) Excludes persons aged 20-24 attending school.

TABLE 36. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF FAMILY MEMBERS AND EMPLOYMENT STATUS(b), MARCH 1989
('000 families)

Number of family members(c)	None employed			One employed			Two or more employed			Total		
	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total
MARRIED-COUPLE FAMILIES												
Two	558.6	25.6	584.2	245.7	24.9	270.6	504.3	..	504.3	1,308.6	50.6	1,359.1
Three	38.3	23.6	61.9	221.1	28.2	249.2	400.6	17.0	417.6	659.9	68.8	728.7
Four	19.7	24.7	44.5	260.0	32.5	292.6	616.2	33.5	649.7	896.0	90.7	986.7
Five	10.2	12.0	22.2	124.8	19.6	144.5	285.3	24.5	309.8	420.4	56.1	476.5
Six or more	7.2	10.6	17.8	44.8	9.3	54.1	99.9	14.2	114.1	151.9	34.0	185.9
Total	634.1	96.5	730.5	896.3	114.6	1,010.9	1,906.3	89.2	1,995.5	3,436.7	300.2	3,736.9
OTHER FAMILIES WITH A MALE HEAD												
Two	9.0	4.0	12.9	24.6	7.2	31.8	28.8	..	28.8	62.4	11.2	73.6
Three	3.7	* 1.8	5.5	7.9	* 1.8	9.7	11.5	* 2.1	13.7	23.1	5.8	28.9
Four or more	* 1.4	* 0.3	* 1.7	4.1	* 0.4	4.4	* 2.6	* 0.7	* 3.3	8.1	* 1.3	9.4
Total	14.0	6.1	20.1	36.6	9.4	46.0	43.0	* 2.8	45.8	93.6	18.2	111.9
OTHER FAMILIES WITH A FEMALE HEAD												
Two	84.7	19.9	104.6	112.4	8.5	120.9	40.5	..	40.5	237.5	28.4	265.9
Three	40.8	11.3	52.2	45.8	8.1	53.9	35.2	3.5	38.7	121.9	22.9	144.7
Four	14.9	* 3.2	18.2	14.3	* 2.8	17.1	11.0	* 1.8	12.8	40.3	7.9	48.1
Five or more	8.9	* 2.4	11.3	4.1	* 0.9	5.0	3.8	* 1.5	5.3	16.9	4.7	21.6
Total	149.4	36.9	186.2	176.6	20.3	196.9	90.6	6.7	97.3	416.6	63.9	480.4
OTHER FAMILIES: TOTAL												
Two	93.6	23.9	117.5	137.0	15.7	152.7	69.3	..	69.3	299.9	39.6	339.5
Three	44.5	13.1	57.7	53.8	9.9	63.7	46.7	5.6	52.3	145.0	28.6	173.7
Four	15.6	3.5	19.1	17.7	* 3.2	20.9	12.6	* 2.4	15.0	45.8	9.2	55.0
Five	6.9	* 1.8	8.6	3.9	* 0.6	4.4	* 2.9	* 1.0	3.8	13.6	* 3.3	16.9
Six or more	* 2.8	* 0.7	* 3.4	* 0.9	* 0.3	* 1.2	* 2.1	* 0.5	* 2.6	5.8	* 1.5	7.2
Total	163.4	42.9	206.3	213.2	29.7	242.9	133.6	9.5	143.1	510.2	82.1	592.3
ALL FAMILIES												
Two	652.2	49.5	701.7	382.7	40.6	423.3	573.6	..	573.6	1,608.5	90.1	1,698.6
Three	82.8	36.7	119.5	274.8	38.1	312.9	447.3	22.7	469.9	804.9	97.4	902.4
Four	35.3	28.2	63.5	277.7	35.8	313.5	628.8	35.9	664.7	941.8	99.9	1,041.7
Five	17.1	13.7	30.8	128.7	20.2	148.9	288.2	25.5	313.7	434.0	59.4	493.4
Six or more	10.0	11.2	21.2	45.7	9.6	55.3	102.0	14.7	116.6	157.6	35.5	193.1
Total	797.5	139.4	936.9	1,109.6	144.2	1,253.8	2,039.8	98.7	2,138.6	3,946.9	382.3	4,329.2

- (a) See Explanatory Notes for details of exclusions to family tables.
 (b) Employment status refers to persons aged 15 and over only.
 (c) Of any age.

TABLE 37. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF CHILDREN AGED 0-14 PRESENT, NUMBER OF DEPENDENTS PRESENT, AND LABOUR FORCE STATUS(b), MARCH 1989 ('000 families)

	Number of children aged 0-14 present			Number of dependents present			Total
	None	One	Two or more	None	One	Two or more	
NO FAMILY MEMBER EMPLOYED							
Married-couple families	628.7	35.3	66.6	617.1	36.2	77.2	730.5
One or both spouses unemployed(c)	30.8	18.2	38.1	29.5	15.9	41.7	87.1
Husband unemployed, wife unemployed	5.7	3.7	4.8	5.7	* 2.8	5.8	14.2
Husband unemployed, wife not in the labour force	22.0	13.9	31.6	20.7	12.7	34.0	67.4
Neither spouse unemployed	597.9	17.1	28.5	587.6	20.3	35.5	643.5
Other families	68.4	68.6	69.4	54.1	76.6	75.6	206.3
Family head unemployed	5.9	10.0	8.1	* 2.8	12.4	8.9	24.1
Male head unemployed	* 1.8	* 0.7	* 0.6	* 1.1	* 1.1	* 0.9	* 3.1
Female head unemployed	4.1	9.4	7.5	* 1.6	11.3	8.1	21.0
Family head not unemployed	62.4	58.5	61.3	51.3	64.3	66.6	182.3
Male head not in the labour force	10.8	* 3.3	* 3.0	10.1	* 3.2	3.7	17.0
Female head not in the labour force	51.7	55.3	58.3	41.2	61.1	62.9	165.2
All families	697.1	103.8	135.9	671.2	112.9	152.8	936.9
ONE OR MORE FAMILY MEMBERS EMPLOYED							
Married-couple families	1,430.7	587.0	988.7	1,196.1	603.7	1,206.6	3,006.4
One or both spouses unemployed(c)	45.8	24.3	40.3	40.1	24.4	45.9	110.4
Husband employed, wife unemployed	25.9	16.6	32.0	23.0	15.6	35.9	74.5
Husband unemployed, wife employed	11.7	5.6	5.9	10.0	5.8	7.4	23.2
Husband unemployed, wife unemployed	* 1.7	* 0.4	* 0.4	* 1.0	* 1.1	* 0.4	* 2.5
Husband unemployed, wife not in the labour force	5.4	* 1.7	* 1.7	5.1	* 1.7	* 1.9	8.8
Neither spouse unemployed	1,384.9	562.7	948.5	1,156.0	579.4	1,160.6	2,896.0
Husband employed, wife employed	851.3	343.0	533.2	700.3	344.3	683.0	1,727.5
Husband employed, wife not in the labour force	397.0	202.6	399.9	336.7	209.6	453.2	999.5
Husband not in the labour force, wife employed	51.2	8.1	12.4	43.5	12.5	15.7	71.7
Husband not in the labour force, wife not in the labour force	85.3	9.0	* 3.0	75.5	13.0	8.8	97.3
Other families	251.1	83.9	51.0	192.6	114.7	78.7	386.0
Family head unemployed	7.1	* 1.1	* 0.4	5.9	* 1.9	* 0.9	8.6
Male head unemployed	* 3.3	* 0.3	* 0.0	* 2.5	* 1.0	* 0.0	3.5
Female head unemployed	3.9	* 0.8	* 0.4	* 3.3	* 0.9	* 0.9	5.1
Family head not unemployed	244.0	82.8	50.6	186.7	112.8	77.8	377.4
Male head employed	55.8	13.0	7.6	40.8	23.4	12.2	76.4
Female head employed	89.9	61.7	39.0	56.3	76.8	57.6	190.6
Male head not in the labour force	11.1	* 0.5	* 0.3	10.4	* 1.0	* 0.4	11.8
Female head not in the labour force	87.2	7.6	3.7	79.2	11.7	7.6	98.5
All families	1,681.8	670.9	1,039.7	1,388.7	718.4	1,285.3	3,392.4
TOTAL							
Married-couple families	2,059.4	622.3	1,055.3	1,813.2	640.0	1,283.8	3,736.9
One or both spouses unemployed(c)	76.6	42.5	78.3	69.6	40.3	87.6	197.5
Husband employed, wife unemployed	25.9	16.6	32.0	23.0	15.6	35.9	74.5
Husband unemployed, wife employed	11.7	5.6	5.9	10.0	5.8	7.4	23.2
Husband unemployed, wife unemployed	7.4	4.1	5.2	6.7	3.9	6.2	16.7
Husband unemployed, wife not in the labour force	27.4	15.5	33.2	25.8	14.4	36.0	76.1
Neither spouse unemployed	1,982.8	579.8	977.0	1,743.6	599.7	1,196.1	3,539.5
Husband employed, wife employed	851.3	343.0	533.2	700.3	344.3	683.0	1,727.5
Husband employed, wife not in the labour force	397.0	202.6	399.9	336.7	209.6	453.2	999.5
Husband not in the labour force, wife employed	51.2	8.1	12.4	43.5	12.5	15.7	71.7
Husband not in the labour force, wife not in the labour force	683.1	26.1	31.5	663.1	33.3	44.3	740.7
Other families	319.5	152.4	120.4	246.7	191.3	154.3	592.3
Family head unemployed	13.1	11.1	8.5	8.6	14.2	9.8	32.7
Male head unemployed	5.0	* 0.9	* 0.6	3.7	* 2.1	* 0.9	6.6
Female head unemployed	8.0	10.2	7.9	5.0	12.2	9.0	26.1
Family head not unemployed	306.4	141.3	111.9	238.0	177.1	144.5	559.6
Male head employed	55.8	13.0	7.6	40.8	23.4	12.2	76.4
Female head employed	89.9	61.7	39.0	56.3	76.8	57.6	190.6
Male head not in the labour force	21.9	3.7	* 3.2	20.5	4.1	4.2	28.8
Female head not in the labour force	138.8	62.9	62.0	120.5	72.8	70.5	263.7
All families	2,378.9	774.7	1,175.7	2,059.8	831.3	1,438.1	4,329.2

(a) See Explanatory Notes for details of exclusions to family tables.

(b) Labour force status refers to persons aged 15 and over only.

(c) Includes a small number of families with husband not in the labour force and wife unemployed.

TECHNICAL NOTE

1. The LFS sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper — Labour Force Survey — Sample Design* (6269.0). For more information on sample design estimation procedures and reliability of the estimates for surveys prior to September 1987, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table 1. Standard errors of other estimates and other monthly movements with relative standard errors of 50 per cent or less should be determined by using Tables A and B.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted

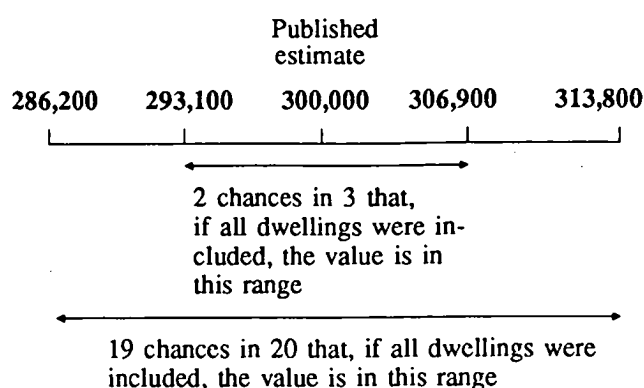
that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high standard errors and should be used with caution. See paragraph 9 concerning the derivation of relative standard errors for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table A by 1.22. Standard errors of quarterly movements calculated this way will not necessarily agree with those obtained by multiplying the figures in Table B by 1.5, which was the method shown in the June 1985 and previous issues of this publication. This is because Tables A and B are derived independently of each other. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.3. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

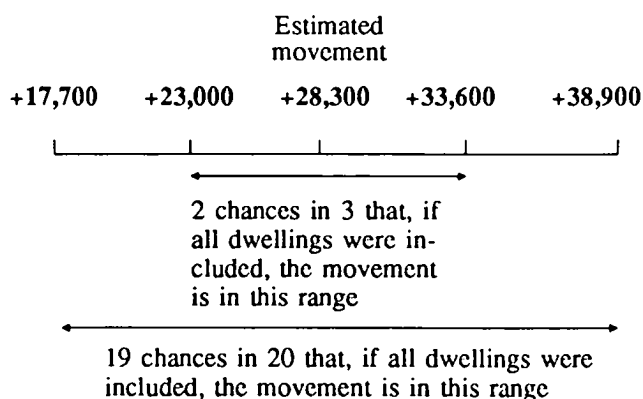
8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that an estimate of 300,000 unemployed males looking for full-time work has a standard error of about 6,900. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 293,100 to 306,900 and about nineteen chances in twenty that it would have been within the range 286,200 to 313,800.



- (b) Suppose that there is an increase of 28,300 in the number of unemployed males looking for full-time work from one month to the next.

Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two estimates from which the movement is derived was 300,000, from Table B it will be seen that the standard error of the monthly movement is about 5,300. Therefore there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +23,000 to +33,600 and about nineteen chances in twenty that it would have been with the range +17,700 to +38,900



9. The relative standard errors of estimates of *aggregate hours worked*, *average hours worked*, *average duration of unemployment*, and *median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

Aggregate hours worked: 1.2
Average hours worked: 0.7
Average duration of unemployment: 1.3
Median duration of unemployment: 2.0

The levels at which these and other labour force estimates have a relative standard error of 25 per cent are shown in Table C.

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed males is 19 weeks and the number unemployed is estimated as 300,000, from Table A it can be estimated that this figure (300,000) has a standard error of about 6,900 and therefore a relative standard error of about 2.3 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (2.3) by the appropriate factor shown in the previous paragraph (in this case 2.0): $2.3 \times 2.0 = 4.6$ per cent. The *standard error* of this estimate of median duration of unemployment is therefore 4.6 per cent of 19, i.e. about 1. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 18 to 20 weeks and about nineteen chances in twenty that it would have been within the range 17 to 21 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in Tables A and B are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in Tables A and B, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors of estimates of persons born in Australia are approximately the same as those shown in Tables A and B. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES FROM MARCH 1989(a)

[illegible]

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS FROM FEBRUARY 1989 — MARCH 1989 ONWARDS(a)

[illegible]

TABLE C. LEVELS AT WHICH LABOUR FORCE ESTIMATES HAVE A RELATIVE STANDARD ERROR OF 25 PER CENT(b)
FROM MARCH 1989 (a)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Estimates classified by—									
Aggregate hours worked	6,300	6,300	4,200	2,900	3,300	1,800	2,700	2,000	5,100
Average hours worked	2,300	2,300	1,500	1,100	1,200	700	1,000	800	1,700
Average duration of unemployment	7,300	7,300	4,900	3,400	3,800	2,000	3,200	2,300	6,000
Median duration of unemployment	15,900	15,900	10,600	7,300	8,100	4,200	7,000	4,700	14,000
All other estimates	4,500	4,500	3,000	2,100	2,300	1,300	2,000	1,400	3,500

(a) For standard errors, etc. for earlier periods, see previous issues of this publication. (b) See paragraph 9 of this Technical Note.

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia, March to May 1982, September to November 1986	6341.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984	6317.0
Child Care—May 1969, 1973, 1977; June 1980; November 1984; June 1987	4402.0
Employment Benefits. Annually. Latest issue August 1987	6334.0
Summary, August 1988	6332.0
Income Distribution Survey, Australia, Persons with Earned Income, 1986	6546.0
Job Search Experience of Unemployed Persons, Australia. Two-yearly. Latest issue July 1988	6222.0
Labour Force Experience. Annually. Latest issue February 1988	6206.0
Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1988	6235.0
Labour Force Status and Other Characteristics of Families. Annually. Latest issue June 1988	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived after 1960)	6250.0
Labour Mobility. Annually. Latest issue February 1988	6209.0
Multiple Jobholding. Two-yearly. Latest issue August 1987	6216.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Not in the Labour Force, Australia. Twice-yearly. Latest issue September 1988	6220.0
Persons Who Had Re-entered the Labour Force, Australia, May 1985, May 1987	6264.0
Persons Who Have Left the Labour Force, Australia, November 1985, April 1988	6267.0
Retirement and Retirement Intentions, Australia, November 1986 (previously: Persons Retired from Full-time Work)	6238.0
Successful and Unsuccessful Job Search Experience, (previously: Methods of Obtaining Jobs) June 1986	6245.0
Superannuation, Australia, February 1974; September to November 1982, November 1988	6319.0
Trade Union Members, November 1976, March-May 1982, August 1986	6325.0
Transition From Education to Work. Annually. Latest issue May 1988	6227.0
Underemployed Workers, May 1988	6265.0
Weekly Earnings of Employees (Distribution). Annually. Latest issue August 1987	6310.0
Summary, August 1988	6309.0
Working Hours Arrangements, Australia, February-May 1981	6338.0
Working Hours Arrangements—Supplementary Tables, Australia, February-May 1981	6339.0

(a) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.

Recommended retail price: \$12.00



2062030003893

ISSN 1030-0996